Projec BASF Franste Date (Facility on, RI	DAILY SAFE \	WORK FORM	SES (Page <u>6</u> of <u>6</u>)
X	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (x
×	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9
×	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools; JSA 9
X	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4
Q.	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9
×	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs
Ď.	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs
X	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs
7	Note: A single had evaluated as the	e overall ranking.	Tasks. In this case, use the higher	st Severity ranking of the tasks

escription of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9/5	Keyan Sharey	SES	0600	1504
9/5	John Spila	SES	0630	300
9/5	Dennis Denen	SES	0630	300
9/5	M. Ka Synta	555	050	300
9/5	Rid (Kowalski	AE1	0630	1510
915	Robert Medayli.	AEI	0630	16:10
2/6/18	Bris Rose	SBS	C;31	15:60
9/5/19	Joseph Prebuga	AEI	6:30	16:10
9/5/18	Charles a care to	SES	7:15	187:10
9/5/18	RYAN DOUGHERT	SES	0645	16:45
P				

DAILY PROJECT REPORT

AFI

Project:	BASF	, Lot 1102	Submitted By:	Aaron C. Ting		At	- 1
	180 N	Mill Street	Signature	de		Consult	ants
	Crans	ston, RI	Date:	9/6/2018	\bigcirc	20113010	01112
				Daily			
	Weat	her: Cloudy		Precipitation:	0.33" T	emp: 92-66	
PERSONNEL	/FOU	IPMENT				(Hi - low)	
Contractor	No.	or tribute		Owner/Penres	entative: N/A		
Contractor	140.	Superintendent		Owner/Repres	entative, N/A		
		Foremen	SES	1			
(5)		H&S/QA Officer	SES	AEI Personnel	Asses Tine		1
		Operators	SES		Joe Drebaum		
		Laborers	SES	1			1
			3E3	1	Robert Medaglio		1
	_	Other Trades (Surveyor)		-	Evan Harring		1
C 1 C 1	**-	6			2002		
SubContractor	No.	Company/Firm		Visitors On Sit	e: N/A		
	_			4 8			
	_			4			
	_	Accorded to the control of the contr		-			
	_10	Total Personnel On Site		-			
MAJOR EQUI	IPME	NT:			EQUIPN	MENT/MATERIALS R	ECEIVED:
2 support truc	ks, Bo	bcat 289D skid steer, CAT 321C	C/322 excavators		United Rental 5 cy du	ump truck decon/demo	bed
		0-yard metal recycling contained	r,		2- 100 cy railcars		
20-cy dump tr	ailer						
2-trash/recycli	ng bin	s, 2-100 yd rail cars					
hoe ram, 4,00	0 gallo	on baffle and 10,000 gallon frac	tank, CAT 725 Rock t	truck, 320 exca	vator		
WORK COM	-						
		t the following stake locations:					
		e 1C; 6' depth); 2C; 5/6' depths).					
-409 0110 470	(Type	2c, 5/6 depuis).					
SES using wat	er to c	control fugitive dust emissions.					
		y of Type 1C soils and 33 cy of					
		or to the temporary stockpile as 2C soils excavated were odoro				-mil HDPE and surroun	ided by
naybales. The	е туре	2C Solis excavated were odoro	ous, so ses continued	to stockpile the	se soils separately.		
Workzone mo	nitorin	g for VOCs (via PID) and dust ((PDR-1000) was cond	ucted during Ty	pe 2C excavation. N	o exceedances of the p	permissible
		d during this work.					
	2000						
SES continued	to as	sist AEI with sample collection f	from deep excavation	s with excavato	r.		
AET cet up an	d callb	rated perimeter dust monitors.	One dust alert was r	noted at the sou	theast side of the site	SES used water to co	ontrol dust
and no other	dust a	lerts were noted. SES managin	a stockoiles and surro	ounding deeper	excavations (>3') wit	th staked orange snow	fence.
		trength tarp to cover the 2B soi					
		018 (~90 tons) and PW-30034	(~90 tons) were trans	sported off-site	by Providence and W	orcester Railroad unde	r Uniform
Hazardous Wa	aste M	anifests.					
HEALTH & S	AEET	٧.					
		ES's Safe Work Form/Pre-Task I	Plan for today, and ve	rifies, by signin	g below, that these d	ocuments comply with	the
		tent of SES's HASP."		0.00	5 5		
	_	1/9					
AEI Signatu		-	-)				
		daily H&S tailgate meeting to n	eview work scope and	i safety precaut	ions/JSAs associated	with safe work practice	es. See SES
SWP/PTP for	topics	discussed and issues raised.					
ISSUES/CH	ANGE	S/RESOLUTIONS:					
N/A							
1							
1							
DISCUSSIO	NS/C	LIENT DIRECTION:					
N/A							

STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9/6/18						Project N	Number: 18-0315
THURSDAY							1
CLIENT / SITE INFORMATI	ION						
Name: BASF							
Address: 180 MILLS							
CRANSTON	_						
Contact: AARON (AE	I)						
PROJECTS NOTES							
HOLD HIS MECTING	/EEVIE	WET	501	U Wy	AEI	CONT	WITEDICATED CICLATER / REAVAIRE
CEPERT TO AFT FOR	DECP	XCA	WHI	045	AMP	11-C1/81	ILI OUT CONTAINMENT AREA FOR IC SOILS
FEGIN EXCAVATING + 11	ANSTO	TIM	ELLA	· III	105	OL IN	FICK TOUCK / FRIGHT NEO TO RE SON EXC.
							IF IN CUT REED/PHWRAIL TICKEDUP
TAIL CARS PARCOR I FE	3(6)	1 for	DIST	UAL	/110	TED OF	RAIL CAES PHISCOCENTRISOCOTECH LEADING
BEGIN HAMMER EXE. IN							
LABOR						MATERIA	ALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
R. DOUGHERTY	SUP		OBC	1600			PPE Level: A B C D Mo.
K. SWEENEY	OP			1:00		2	SERVICE VEH.
D. BERGIERON	OP/DR			1500		1	SITE TRAKER/RETROOM/SINK
J. SZPILA	OP			ECO		1	GENERATOR "
B. ROE	OP			1500		1	CONNEX BOX
C. MCCARTHY	FT		-	1500		3	EXCAVATORS (TORS / 32 AL/ SDOE)
						1	SKIDSTEER (289D)
Willes						1	LOADER (966H)
SUBCONTRACTORS						1	RIOFF TRUCK
X CENTEL LATALION	NT TEO	CK	11	STE		2	FOFF CANS (GOTNER / SECC TRYE)
						1	RUCKTRUCK (CAT 725)
						ZRAL	ROMILPALT
						GEA.	HIDRATION
						2, ROLL	6 MIL POLYSHEETING
				TH			
WEATHER OBSERVATION	15						
						Project Mana	ager's Signature:
						Client's Sign	nature:

P	rojec	t:
		Facility
ن	ranst	on, RI
D	ate ('	9/6/181

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page <u>/</u> of <u>6</u>)

Servicing or Ma	intenance Wo	rk Description		
Description of W	ork: CMI Imple	mentation Project		
Start Date / Time	e: (Date) (Time)	9/6/18 0630		
Location of 18	30 Mill Street, C	cranston, RI		
Work	27			
		ices, Inc. (SES)		
Primary/Lead Co	ompany Name:	SES		
Contact Person:	BYAN DO	USHERTY		
Contact phone #	\$ 508 579	-2565		
Health and Saf	ety (H&S) Plan	(HASP) Signatures		and and the site and/or daily H&S
Sign-off sheet atte	sting that the HAS	SP has been made available and re	eviewed by the individual pric	or to entry into the site, and/or daily H&S n. Thereafter, a tailgate safety meeting is
required daily and	ae othonwieg dag	med necessary by the Site Health	and Safety Officer, by signif	ng below, an individual certifies that he has
read, understood,	and will observe t	he contents of this HASP and Dai	ly Safe Work Form with Pre-T	ask Planning Form.
Health and Saf				
Date	Name of Atte	endee (Print)	Company	Initials
9/6/18		WEENRY	SES	
9/6/18		DOUGHEATT.	SES	(ers)
9/6/18	1 Hennis	1 Sergera	SES	
9/4/18	Aaron	Tine	AET	ACT
91618	Evan Harris		AET	EAT
9/6/18	Joseph	Dur barm	AEL	4D
912/18	Relect.	med of 43	AET	1km
9/6/18	Zola	Sep: 10	SES	77
9/6/18	Charles	of Carthy 10	SES	cn
7/1/12	BRID	ROR	SRS	
at al . o				
Visitor Log	Win-Lag III Care and			i i i i i i i i i i i i i i i i i i i
	that visitors must	t furnish their own personal prote	ctive equipment. All visitors	are required to sign the visitor log and
comply with Hea	Ith and Safety Plan	n requirements. If the visitor repre	sents a regulatory agency co	oncerned with site health and safety issues,
		all also immediately notify HSC. Company Name	Date of Visit	Signature
Name of Visito	or (Print)	Company Name		
		+		
				

Project: ASF Facility cranston, RI Date (9/6)	DAILY SAFE WORK FORM	SES (Page <u>∠</u> of <u>८</u>)

Project:	
BASF Facil	ity
Cranston, R	ı
Date (9/6)

SES (Page <u>3</u> of <u>6</u>)

Тур	e of Equipment/Vehicles/Motorized	Equipment		
12	Field Service Trailer	IX.	Roll-off Tractor Truck	
DZ.	Excavators	IX.	Roll-off containers	
X	Loader		Dump Truck/Triaxle ROCIC TRUCK	
	Track Dozer		Dump Trailers	
M	Skid Steer Loader	区	Pickup Utility Trucks	
X	Frac Tank	□ □	Sump Pump	
R	Generator		Trench Box	
X	Water Buffalo/TOTE		NaOH Storage Tank	
	Sawzail		Other (list)	term managers

This work also requires the use of the permits or documents checked below	
☑ PROJECT-SPECIFIC HASP	
□ LOCK-OUT, TAG-OUT PERMIT	
☑ PRE-TASK PLANNING FORM	
□ CONFINED SPACE ENTRY PERMIT	
□ OTHERS (LIST)	

	N/A	ee Daily Pre-Task Plan for day-specific information Source	Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site	See SES HASP
X		MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
	Х	Crane Operations	
	X	Elevated Work	
X		Environmental Conditions	See SES HASP
X		Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic
	Х	Language / Communication Difficulties	
X		Materials to be used	See Pre-Task Plan
	X	Overhead Work / Rigging	
	Х	Special Equipment to be used	
X		Trenching / Excavation	See SES HASP
	х	Utilities System tie-in / restrictions	
	1 A	Utilities System tie in / restrictions	
X		Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate
Antici	pated I	Other Risks or Hazards Project Required Precautions & Protective Mea	sures Be sure that each identified Risk or Hazard is
Antici addres	pated I	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information	Be sure that each identified Risk or Hazard is on) Specific measures that are required
Antici addres Need	pated I	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area	Be sure that each identified Risk or Hazard is on)
Antici addres Need	pated I ssed (i	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment)	Be sure that each identified Risk or Hazard is on) Specific measures that are required
Antici addres Need	pated I ssed (S	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed	Be sure that each identified Risk or Hazard is on) Specific measures that are required
Antici addres Need	pated I ssed (N/A X	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used	Be sure that each identified Risk or Hazard is on) Specific measures that are required
Antici	pated I ssed (i N/A X X	Other Risks or Hazards Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed	Be sure that each identified Risk or Hazard is on) Specific measures that are required
Antici addres Need X	pated I ssed (N/A X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use	Specific measures that are required To be developed on site with SES work crew See SES HASP
Antici addres Need X	pated I ssed (i N/A X X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment	Specific measures that are required To be developed on site with SES work crew
Antici addres Need X	pated I ssed (N/A X X X X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder	Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP
Antici addres Need X	pated I ssed (i N/A X X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	Specific measures that are required To be developed on site with SES work crew See SES HASP
Antici addres Need X	pated I ssed (i N/A X X X X X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection First Aid / Medical Treatment provisions	Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP
Antici addres Need X	pated I ssed (N/A X X X X	Other Risks or Hazards Project Required Precautions & Protective Measure See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP

Project:	
3ASF Facility	ń
Cranston, RI	
Date (9/6)	ŭ

SES (Page <u>4</u> of <u>6</u>)

	X	Scaffolds / decking							
Х		Temporary electrical power	S	ee SES	HASP				
	X	Temporary Utilities services							
Х				ee SES	HASP				
		Other Requirements							
			100						
Requi	red Per	sonal Protective Equipment (PPE) Identify the	soul	rce/s us	ed and	check the appropriate boxes			
□ PP	E GRID			Work F	Provide	r Knowledge Prior SWP			
YES	NO	ITEM		YES	NO	Item			
X		Hardhat (either) ☐ Fiberglass ☒ Plastic			X	Rain Suit			
Х		Safety Glasses, ANZI-rated, side shields			X	Chemical Suit ☐ Jacket ☐ Pants			
	Х	Goggles ☐ Chemical ☐ Dust			X	Personal Fall Protection Equipment			
	X	Faceshield		X		Gloves ⊠ Chemical □ Work			
Х		Hearing Protection ⊠ Plugs ☐ Muffs		X		Long sleeve shirt and steel toed boots			
			1			with steel shank			
	X	Respirator Half-mask Full-face		X		Boots ☐ Rubber ☒ Other			
	X	Dust Mask			X	Welding Protection			
	X	Fire Retardant Electrical Clothing			X	Retrieval System for Confined Spaces			
Х		Eyewash Station		X		Mobile phone or radios			
X		Tyvek Suits		X		Insect repellent, sunscreen			
-		Other PPE (list)		X		High-visibility, reflective vest			
Traini	ng Req	uirements				THE RESERVE TO SERVE THE PROPERTY OF THE PROPE			
	Need N/A Area								

Trainir	ng Req	uirements
Need	N/A	Area
檢	×	BASF Safety Orientation (if required)
X		MSDS Reviews
Х		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project:	
Project:	ity
ranston RI	
Date (9/6)

SES (Page <u>5</u> of <u>6</u>)

STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	9/6/18
PRE-TASK PLAN (PTP)	SES SUPERVISOR: RYAN DOUGHERTS		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

П	Task 1 - Permitting
	Tack 2 - Mobilization/Site Pren/Road & Decontamination Road Installation/Erosion Controls
DX.	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
TX	Task 4 – Transportation and Disposal of Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
$\overline{\Box}$	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)	
⊠″	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10	
<u> </u>	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6	
X X	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs	
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs	
<u> </u>		Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs	
	3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs	
	1,3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and	
	3,4,5,6	Walking/ Working Sarrasss	Books	Work Areas: JSA 1,3,4,7	
×	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's	
N N	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9	
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7	
ш		Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA	
DX.	4,5,6	Overnead nazarus		2,5,6	
Ŋ.	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA	
57	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,	
X	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JS 4,5,6,8	
X			NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA	
DK.	1,3,4,5,6	Vehicle use	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JS	
	2,3	Work near/on water		1	
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (< feet)	

Project: BASF Facility Cranston, RI Date ()		DAILY SAFE W	DAILY SAFE WORK FORM						
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4 feet)					
X	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4					
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9					
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9					
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools; JSA 9					
R	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4					
叉	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9					
R	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs					
R	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs					
又	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA					
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs					
Description	evaluated as	e hazard may be listed under several the overall ranking. nal Activities, And Associated Healt							
Name of the second									

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9/6/18	KEYEN SLEENET	SES	0630	1630
9/6/18	RTAN DOUGHERT	5 <i>E</i> 5	0630	1545
9/6/18	Dennis Deragain	SES	0630	1530
9/4/18	Haron Ting	AEC .	0 سکا ٥	1400
9/6/18	Evan Harring	AEI	0630	1530
9/6/18	Joseph Drebran	REIL	06:30	1575
9/6/18	Robert medy 19	AE I	66.30	1535
9618	John Szoi A	SES	0639	1530
9/1/17	Bajon Rva	SEJ	06:30	15:30
9/5/18	Charles recently w	SES	06:25	15:30

DAILY PROJECT REPORT Project: BASF, Lot 1102 Submitted By: Aaron C. Tin 180 Mill Street Signature: Cranston, RI Date: 9/7/2018 Daily Weather: Cloudy, slight rain in afternoon Precipitation: <0.25" Temp: 77-63 (Hi - low) PERSONNEL/EQUIPMENT Contractor No. Owner/Representative: N/A 2 Superintendent SES ___1 Foremen SES H&S/OA Officer AEI Personnel: Aaron Ting 4 Operators SES Joe Drebaum 3 Laborers SES Robert Medaglio Other Trades (Surveyor) Evan Herring Rick Kowalski SubContractor No. Company/Firm Visitors On Site: N/A 1 Diprete (surveyor) 16 Total Personnel On Site MAJOR EQUIPMENT: **EQUIPMENT/MATERIALS RECEIVED:** 2 support trucks, Bobcat 289D skid steer, CAT 321C/322 excavators CAT 996H Loader, 20-yard metal recycling container, 20-cy dump trailer 2-trash/recycling bins, 2-100 yd rail cars hoe ram, 4,000 gallon baffle and 10,000 gallon frac tank, CAT 725 Rock truck, 320 excavator WORK COMPLETED: SES removed soils at the following stake locations: 436 - 451 (Type 1C; 6' depth); encountered numerous concrete structures, i.e., foundation walls and slabs; 470-473, 477 (Type 2C; 5/6' depths). SES using water to control fugitive dust emissions. Approximately, 77 cy of Type 1C soils and 11.6 cy of Type 2C soils were excavated and transported to either 2682 for temporary stockpiling and future rail transport or to the temporary stockpile area on Lot 1102. Both stockpile areas are underlain by 20-mil HDPE and surrounded by haybales. The Type 2C soils excavated were odorous, so SES continued to stockpile these soils separately. Workzone monitoring for VOCs (via PID) and dust (PDR-1000) was conducted during Type 2C excavation. No exceedances of the permissible limits were observed during this work. SES continued to assist AEI with sample collection from deep excavations with excavator. AEI conducted a post-storm event (9/6), soil erosion and sediment control plan inspection. No issues noted. AEI set up and calibrated perimeter dust monitors. No dust alerts were noted. SES managing stockpiles and surrounding deeper excavations (>3') with staked orange snow fence. SES used a higher strength tarp to cover the 2B soils on Lot 2682 due to the rebar and other debris puncturing the 6-mil poly. ாத் அர சி சி டே Two railcars PW-30008 (~90 tons) and PW-30009 (~90 tons) were loaded with Type 2B soils for transportation by P&W railroad to WM Emelle under Uniform Hazardous Waste Manifests. Cars were lined prior to loading soils. SES collected two samples of coating from concrete at Type 1C excavation for PACM. AEI/SES conducted weekly project progress meeting. AEI to issue meeting minutes next week. Diprete onsite to survey excavations and other site features.

HEALTH & SAFETY:

AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP.**

AEI Signature

SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised.

ISSUES/CHANGES/RESOLUTIONS:

DISCUSSIONS/CLIENT DIRECTION:

N/A



STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9/7/18	Date: 9/7/18 Project Number: 18-0315								
FRIDAY									
CLIENT / SITE INFORMATION									
Name: BASF									
Address: 180 MILLS	ST.	74.4							
CRANSTON	PI								
Contact: AARON (AE	I)								
PROJECTS NOTES						THE			
HELD HTS MEETING/	REVIEW	DED	5000	W/AE	I/C	INT. SOIL	EXCAVATION OF BC SOIL® 5+6 DEPTH TO		
							TOWS (AFTE SES DECONNED BUCKET) AET NEEDS		
		Territoria de la companya della companya della companya de la companya della comp					CPILING OF IC SOILS IN LOT 1102/HEAVY		
							ADED OUT RAILCARS 30008 + 50009/		
1							TERATE PILE LOT 2682/COVERED STOCK PILE		
SENT OUT SAMPLES FOR PO							WEEKLY PROGRESS MEETING RD, PS, BM		
LABOR						MATERIA	ALS / EQUIPMENT / TOOLS		
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description		
R. DOUGHERTY	SUP		0630	1630			PPE Level: A B C D-MoD.		
M. JAMROS	F			1530		2	SERVCE VEH.		
J. SZPILA	OP			1530		1	SITETRALLER/RESTROOM/SINK		
A. HAYES	F		1	1530		1	GIENERATOR		
K. SWEENEY	OP			1530			CONNEX BOX		
C. MCCARTHY	FT	0630	0800	1200	1600	3	EXCAVATORS (321C/3321/320E)		
S. LAJOE	DR		1000	1515		-	SKID STEER (289D)		
T. DYKSTRA	OP		1000	1530		1	LOADER (966H)		
SUBCONTRACTORS						1	ROPETRUCK.		
HILLVIEW- REPAIRED	SKID S	TEE	e.(1	EWTE	ACKS)	2	R/OFF CANS (409NER/200637 1948)		
						1	ROCKTRUCK (CAT 725)		
						2 RUL			
						SEA			
						1	100X100 TARP (BUX) IC SOIL PILE		
						2	RAILCAR LINERS		
						1-1-1			
WEATHER OBSERVATION	WEATHER OBSERVATIONS								
PAIN-ON/OFF 70°							Project Manager's Signature:		
						Client's Signature:			

Project:	
3ASF Facility	
Cranston, RI	
Cranston, RI Date (9/7)	

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page / of 6)

Servicing or M	laintenance Work	Description		
Description of V	Work: CMI Implem	nentation Project		
	ne: (Date) (Time)	9/11/18 0630		
	180 Mill Street, Cra			
Work				
Strategic Envi	ironmental Service	es. Inc. (SES)		
	Company Name: S			
Contact Person	n: RYAN DO	DEHERTY		
Contact phone	# 508-57	9-2565		
Contact priorie	"			
Health and Sa	fety (H&S) Plan (HASP) Signatures		
		has been made evallable and rev	riewed by the individual prior	to entry into the site, and/or daily H&S
	ad an athanuina daam	ad nacaceary by the Site Mealin	and Safety Unicel. by Signing	Delow, all marriada socialis
		contents of this HASP and Daily	Jale Work Form With Fre-Tu	
Health and Sa		de a (Deient)	Company	Initials _
Date	Name of Atter		SES	RO
9/7		DUGHEETT	SES	An D-
9/1,		amros	151	(F)
9/7		rekoun	AEL	1 Am
917	Maret		365	T
917	John	1300	(25)	AH
177	MARIN	HAXES	365	W.
9/1/18		reeney	355	CM
9/7/18	Name and Address of the Owner, where the Owner, which is the Owner, which is the Owner, where the Owner, which is the Owner, whi	mecarthy to	AEI	ACT
217/18		Tint	AEI	EAH
9/7/18	Evan Har	ring		ELT
8/7/18	EGK T	emmelleo	Diprete	PS
9/1/19	100	cente		Bm
9/7/17	1/0,1	dock	SES	Men
9/7/18	12-ell	Kongski	AE1 SES	173
09/07/18	Tom	DIESIA	SES	66-
090718	Scoll	your	SFS	SEL
Manage de la constitución de la				
Visitor Log				re required to sign the visitor log and
It is SES's police	y that visitors must f	urnish their own personal protec	tive equipment. All visitors at	re required to sign the visitor log and neerned with site health and safety issues,
comply with He	ealth and Safety Plan	l also immediately notify HSC.	ocinio a roganator, agara,	
Name of Visi		Company Name	Date of Visit	Signature
Dan Gr	tastein	Hillow Equepu	uest 9/1/18	-
	Russ	Hill Vila Equipme	-//	1/1/2 /2
7017	(0)	The Court of the C	_ " " " " " " " " " " " " " " " " " " "	
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Project: RASF Facility Cranston, RI Date (9/7)	DAILY SAFE WORK FORM	SES (Page <u>2</u> of <u>6</u>)

Project:
BASF Facility
Cranston, RI
Cranston, RI Date (9/7)

SES (Page <u>3</u> of <u>6</u>)

ype of Equipment/Vehicles/Motorized	100	Roll-off Tractor Truck	
Field Service Trailer	⊠		_
	X	Roll-off containers	_
Excavators Loader	×	Dump Truck/Triaxle - ROCK TRUCK	
Track Dozer		Dump Trailers	
Skid Steer Loader	×	Pickup Utility Trucks	
A Frac Tank	×	Sump Pump	_
X Generator		Trench Box	
Water Buffalo/TOTE		NaOH Storage Tank	
Sawzail		Other (list)	

This work also requires the use of the permits or documents checked below	
☑ PROJECT-SPECIFIC HASP	
□ LOCK-OUT, TAG-OUT PERMIT	
□ PRE-TASK PLANNING FORM	
□ CONFINED SPACE ENTRY PERMIT	
□ OTHERS (LIST)	

		ee Daily Pre-Task Plan for day-specific information	Specific Risk or Hazard that needs to be addressed
	N/A	Source	See SES HASP
(Pre-work Inspection of the work site MSDS review / includes any 'new' chemicals	MSDS Sheets Provided in HASP
(
	X	Crane Operations	
	X	Elevated Work	See SES HASP
(Environmental Conditions	Excavators to load soil into trucks, truck traffic
K		Heavy Powered Mobile Equipment Use	EAGURATOR SO
	X	Language / Communication Difficulties	See Pre-Task Plan
X		Materials to be used	
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	See SES HASP
X		Trenching / Excavation	OCC OLO TIMO!
	X	Utilities System tie-in / restrictions	PCB/VOC-contaminated soils; Sodium Persulfate
X		Other Risks or Hazards	De arms that each identified Risk or Hazard is
X Anticipaddres	pated (Project Required Precautions & Protective Mea	sures Be sure that each identified Risk or Hazard is on)
Anticip addres	sed (Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information	sures Be sure that each identified Risk of Hazard is on) I Specific measures that are required
Anticipaddres Need	pated ssed (Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information	sures Be sure that each identified Risk or Hazard is on)
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Anticipaddres Need	N/A	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed	sures Be sure that each identified Risk of Hazard is on) I Specific measures that are required
Anticipaddres Need	N/A X X	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used	sures Be sure that each identified Risk of Hazard is on) I Specific measures that are required
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Anticipaddres Need X	X X X X	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder	Sures Be sure that each identified Risk of Hazard is on) Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP
Antici addres Need X	x X X	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	sures Be sure that each identified Risk of Hazard is on) Specific measures that are required To be developed on site with SES work crew See SES HASP
Antici addres Need X	X X X X X	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection First Aid / Medical Treatment provisions	Sures Be sure that each identified Risk of Hazard is on) Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP
Antici addres Need X	X X X X	Project Required Precautions & Protective Mea See Daily Pre-Task Plan for day-specific information Area Access & Egress Plans (People & Equipment) Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	Sures Be sure that each identified Risk of Hazard Is on) Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP

Projec	et:	
BASF	Facil	ity
Cranst	on, RI	
Date (9/7)

SES (Page <u>4</u> of <u>6</u>)

	Х	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services		
X		Trench / Excavation Boxes	See SES HASP	
		Other Requirements		

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the s	ource/s	used and	d check the appropriate boxes
☐ PF	PE GRI				r Knowledge
YES	NO	ITEM	YES		Item
Х		Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust		Х	Personal Fall Protection Equipment
	X	Faceshield	X		Gloves ⊠ Chemical □ Work
Х		Hearing Protection ⊠ Plugs □ Muffs	X		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator Half-mask Full-face	X		Boots ☐ Rubber ☒ Other
	X	Dust Mask		X	Welding Protection
	X	Fire Retardant Electrical Clothing		Х	Retrieval System for Confined Spaces
X		Eyewash Station	X		Mobile phone or radios
X		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	X		High-visibility, reflective vest

Traini	ng Req	uirements
Need	N/A	Area
*	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –
	-	
	1	

Projec	ct:	
Project BASF	Facili	ty
Cranst	ton, RI	
Date (9/7	1

SES (Page <u>5</u> of <u>(</u>2)

STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	9/6/18
PRE-TASK PLAN (PTP)	SES SUPERVISOR: PYAN DOUGHERTY		•

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
50	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
X	Task 4 – Transportation and Disposal of Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
×	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
R	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
×	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
×	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
X	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
X	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
(XX	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
文	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
×	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,
TX.	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JS, 4,5,6,8
TV	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
<u> </u>	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JS
R	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (< feet)

Project: BASF Facility Cranston, RI Date (9/7)		DAILY SAFE V	DAILY SAFE WORK FORM				
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4 feet)			
×	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4			
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9			
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9			
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools; JSA 9			
Ø.	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4			
×	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9			
×	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs			
₩.	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs			
×	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA			
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs			
J		ezard may be listed under several e overall ranking.	Tasks. In this case, use the highe	st Severity ranking of the tasks			
Descript	ion of Any Additional A	Activities, And Associated Healt	th and Safety Risks and Protecti	ve Procedures/Equipment:			

		Inspection Report	
Name	Control of the contro	or information	
Location		Former Ciba-Geign	Facility
	- 100 Till OF, Cran	STON, KI (PIOLY LOCAL	10-2
DEM Permit No.	18-0048 / RIF	210(22)	10 2)
Site Owner	144116	T DI	
Sito Oneser	Joseph Guarnaccia	973-245-5269	Email
Site Operator	Ryan Dougherty	Phone	ioseph.guarna ocialebash
		lon Info	rdoughery & strategic.co
nspector Name	1 .40116	ion Information	
nspection Date	Aaron C. Ting	978-577-7188	email
nspection Type	19/7/18	Start/End Time	ating eaciconsultant
	re-storm event During stor		0800-0830
	9 010	rm event 💆 Post-storm even	t 🛘 Other
ast Rain Event	vveatne	er Information	
Date: 9/4/18	Duration (hrs): \ \ 9	Approximate Balas	o 11
am Gauge Location &	Source-	Approximate Rainfall (in):	0.33"
Veather at time at the	inspection:	aus Vartos 27 1	
Veather at time of this			
	Cloudy, 660F	3	
	2.0		
heck statement that a	pplies then sign and date below	W.	
heck statement that a	pplies then sign and date below	<u>v:</u>	
I, as the designated	mamaata		by regulation and I have
(I, as the designated I etermined that mainte	nspector, certify that this site h nance and corrective actions a	as been inspected as required re not required at this time.	
(i, as the designated in etermined that mainted in a sthe designated in the designat	nspector, certify that this site h	as been inspected as required re not required at this time.	
(i, as the designated in etermined that mainted in a sthe designated in the designat	nspector, certify that this site h	as been inspected as required re not required at this time.	
(i, as the designated in etermined that mainted in a sthe designated in the designat	nspector, certify that this site h nance and corrective actions a	as been inspected as required re not required at this time.	
I, as the designated letermined that mainte I, as the designated I ade the determination is inspection report. Print Name	nspector, certify that this site he nance and corrective actions and nance and corrective actions and nance and certify that this site he that the site requires corrective	as been inspected as required re not required at this time.	
I, as the designated I etermined that mainte I, as the designated I ade the determination is inspection report. Print Name	nspector, certify that this site had nance and corrective actions a nspector, certify that this site had the site requires corrective Signature	as been inspected as required re not required at this time.	
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I, as the designated I etermined that mainte I, as the designated I ade the determination is inspection report. Print Name Spector: Print Name	nspector, certify that this site had nance and corrective actions and nspector, certify that this site had that the site requires corrective Signature	re not required at this time. as been inspected as required as been inspected as required e actions. The required correct	by regulation and I have tive actions are noted within
I, as the designated I etermined that mainte I, as the designated I ade the determination is inspection report. Print Name Accordance Site Operator acknowledgings, He/she acknowledges.	nspector, certify that this site had nance and corrective actions an appector, certify that this site had that the site requires corrective signature.	re not required at this time. as been inspected as required as been inspected as required e actions. The required corrections are required to the receipt of this SESC Plan in	by regulation and I have tive actions are noted within Date 9 (2) 18
I, as the designated I etermined that mainte I, as the designated I ade the determination is inspection report. Print Name Accordance Site Operator acknowledgings, He/she acknowledges.	nspector, certify that this site had nance and corrective actions an appector, certify that this site had that the site requires corrective signature.	re not required at this time. as been inspected as required as been inspected as required e actions. The required corrections are required to the receipt of this SESC Plan in	by regulation and I have tive actions are noted within Date 9 (2) 18
I, as the designated I etermined that mainte I, as the designated I ade the determination is inspection report. Print Name Accordance Site Operator acknowledgings, He/she acknowledges.	nspector, certify that this site had nance and corrective actions and nspector, certify that this site had that the site requires corrective signature. Signature vieldges by his/her signature, to vieldges that all recommended of the signature. Signature Signature.	re not required at this time. as been inspected as required as been inspected as required e actions. The required corrections are required to the receipt of this SESC Plan in	by regulation and I have tive actions are noted within Date 9 (2) 18

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

1	Location/Station	Control Measure Description	Installed & Operating Property?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; If 'Yes', please
	Construction Site exit includ		B∜es □No	See thati	detail action required)
_	decon. pad	21 Soil Brosion and Sed. Control book		(0)	
2	Project-wide including material stricepiles	Penmeter - compost filter socks (1400 r q.2.0 Stockpiles_hallbales RDOT Std Sec - 2010 222	⊠Yes □No		
3		RIDOTSTA Spec-204,212 RISESC Handbook	⊠Yes □No	+	
	Project-wide including material stackpoles	Water for dust control/cover Stockpiles RIDOTSTASPEC RISESC Houndbook	10		
4	Adjacent roads	Roads adjacent to construction site 6hall be clean at the end of each day	⊠Yes □No		
5	Project-wide	Pideup construction trosh/debris	QYes □No		
6	Project-wide	Spill prevention/ Spill containment measures	ĎYes □No	1	•
7			□Yes □No		
8			□Yes □No	 	

General Site Issues

Below are some general site issues that should be assessed during inspections. Please customize this list as needed for conditions at the site.

200	Compliance Question			Assoc. Photol Figure #	Corrective Action Needed (If 'Yes', please detail action required
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	ØYes □ N//	S □No	seephoto	and include location/station)
2	(LOD) established?	ØYes □ N/A	□No		
3	dams, sediment basins, etc.) in place?	□Yes Ճ.N/A	□No		
4	functioning as designed?	≫ N/A	□No		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes ☑N/A			
6	Were all exposed soils seeded by October 15th?	☐Yes Ø N/A			
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes Ø N/A	□No		
8	vegetative stabilization was not established by November 15th, have non-vegetative erosion control measures must be employed?	□Yes XQ N/A	□No		
9	If work is to continue from October 15th through April 15th, are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes ⊠ N/A	□No		
0	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been	□Yes □XN/A	ΩNo		
1	properly installed? Has the operator cleaned and maintained inlet protection measures when needed?	□Yes (⊒No		
2	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes [⊒No		

	Compliance Question			Assoc. Photol	Corrective Action Needed (If 'Yes', please detail action required
13	mats, etc.) at all temporary and permanent discharge points?	□Yes ⊠N/	s □No A	Figure#	and include location/station)
14	functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scours?	□Yes	s □No		4
15	inspected to ensure the prevention of scouring and channel erosion?	□Yes	□No		
16	installed along perimeter areas that will receive stormwater from earth disturbing activities?	1	□No	See profules	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	⊠Yes □ N/A	□No	 	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes XQ N/A	□No		
19	routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes XÍN/A			
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	□Yes Ø N/A			
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes ⊠ N/A	□No		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes Æ N/A	□No		
3	management practices?	□Yes ⊠ N/A	□No		
4	Has the site operator taken steps to prohibit the following pollutant discharges on the site?				
	Contaminated groundwater	☑Yes □ N/A	□No	sec photolog	

	Compliance Question			Assoc. Photo/ Figure#	Corrective Action Needed (If 'Yes', please detail action required
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	☐Yes ⊠N/A	□No	S ENDINGE	and include location/station)
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	DKN/A	□No		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	©¥es □ N/A	□No		
е	Soaps or solvents used in vehicle and equipment washing.	☑Yes □ N/A	□No		
f	Toxic or hazardous substances from a spill or other release.	ØYes □ N/A			
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	⊠Yes □ N/A		see prictolog	
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □ N/A	□No		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	⊠Yes □ N/A	□No		
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	⊠Yes □ N/A	□No		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	⊠Yes □ N/A	□No		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	⊠Yes □ N/A	□No		
11	Are allowable non-stormwater discharges being managed properly with adequate controls?	⊠Yes □ N/A	□No	See Phobilis	
2	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	⊠(Yes □ N/A	□No	1	
3	in place for the storage of materials	⊠Yes □ N/A	□No		

Compliance Question exposed to stormwater?		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required
, source of stormwater?		rigute#	and include location/station)
Are stockpiles located within the limits of disturbance?	⊠Yes □No □ N/A	Se Photolica	
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	☐Yes ☐No ☐ N/A	1	
appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	□Yes □No		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed as its	⊠Yes □No □ N/A		
as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the cite?	□Yes □No ឪN/A		
Are vehicle fueling and maintenance	⊠Yes □No □ N/A		
(Other)			

20021011	PROJECT:	Granston,	RI
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INSPECTION DATE: 9)7/18

General Field Comments:

Photos:

Photo #: 1



Station: North Site

Description: Decontamination pad located on Lot 1102

Photo #: 2



Station: North Site

Description: Temporary stockpiles, covered with poly/tarp and surrounded by haybales.



Station: North Site

Description: Construction access road leading to Mill St from Lot 1102. Adjacent roadway kept clean from any soil track-out from exiting vehicles/equipment.



Station: North Site

Description: CFS staked on northern property boundary.

Photo #: 5



Station: South Site

Description: Staked silt fence on south east side of Site.

Photo #: 6



Station: South Site

Description: CFS located on south side of Site.

Photo #: 7

Station: South Site

Description: Fractionation tanks to be used to manage groundwater in excavations.

BASF 180 Mill Street, Lot 1102 Cranston, RI

9/1/18	Scott lajore	SES	1800	1515
Date	Name	Company Name	Time In	Time out
9/7/18	RYAN DOUGHERT	SES	0630	1630
9/7/18	Mike James	5ES	6630	1530
9/1/18	Joseph Prehaum	YEI	06:38	15:30
917118	Robert Medas 113	AEI	06:30	(5:3 0
9/7/18	John Szpih	SES	0630	1530
9/7/14	W.	ses	0630	1530
9/1/18	KEVAN SWEENEY	SES	0630	1530
9/7/18	Charles necestly	SES	0632	1530
9/7/18	Acuron Ting	AET	0630	1600
9/7/18	Evan Harring	AEI	0630	1530
9/1119	Paul Seconde	55>	0800	1030
9/1/18	Bob Millall Eale Tamadle	Diprete	0800	1030
2/7/18	Rick Konsalski	AB1 SES	1000	1515

Excavation Date:	Source Location (station, offset, etc.) Cross- Ref w/ Map:	Excavation Volume	Soil Stockpile Designation	Reuse on/off- site or Off-site	Disposal Facility	Re-Use Date
9/4	CELL 413,416,406,418 20020007 (2C)	36405. 48.3570N	LOT 2682 STOCKPILE			
9/4	CELL 470-474 SEPERATED TOWENCE 20X20×5-6 (20)	57 YDS. 7776N	LOT 2682 STOCKPILE *SEPERATED COSSIBLE ROLA SEVE			
9/5	RAILCAR PW20018	87.75 ton				
9/5	RAILCAR PW30034	88.85 ₄₀₀				
9/6	CELL-436-451 40x40x6 (1C)	138102	STECKPILED IN LOT 1102			
9/6	40x40x6 (1C) CELL-470-473+477 20x18x5 (2C)	49.65 DON	LOT 2682 STOCKPILE ROSSIBLE RCRA/TSCA			
9/7	CELL-470-473+477 20×18×5 (20)	17.35700	LOIT 2682 STOCKPILE POSSIBLE RCPA/TSCA			
9/7	CELL-436-451 RETAINING WALL HEAVY DEBRIS 40×40×6 (1C)	11510	STOCKPILE IN LOT 1102			
9/2	PAIL CAR PW30008	89.60 TON	*			
4	RAILCAR PW30009	89.40 tou		129		

		DAILY	PROJECT REPO	ORT			
Project:	BAS	SF, Lot 1102		y: Aaron C. Tir	na		
	180	Mill Street	Signatur	e.	11/		
	Cranston, RI		Date: 9/10/2018				onsultant
	Wea	ather: Cloudy, then rain		Daily			
				Precipitation	:0.91	Temp: 65-53	
PERSONNEL	/EQU	IPMENT		7		(Hi - lo	w)
Contractor	No.			Owner/Deep			
	_	Superintendent		- Owner/Repre	esentative: N/A		
	_ 1	Foremen	SES	-			
	1	H&S/QA Officer	SES	AET Doronna	D. Amora T		
	4	Operators	SES	TALL PERSONNE	el: Aaron Ting		1
	_2	Laborers	SES	1	Joe Drebaum		1
		Other Trades (Surveyor)	500	1	Robert Medaglio).	1
		The state of the s		1	Evan Herring		1
SubContractor	No.	Company/Firm		Visitors On Si	Josh Klement		1
				Visitors On Si	te: N/A		
				-			
				-			
	13	Total Personnel On Site		-			
				1			
MAJOR EQUI	PMEN	IT:		1			
2 support truck	s, Bot	ocat 289D skid steer, CAT 321C	/322 excavators		EQU	JIPMENT/MATER	IALS RECEIV
CAT 996H FOSC	ler, 20)-yard metal recycling container	. Chicarotors				
20-cy dump tra	ller						
2-trash/recyclin	g bins	, 2-100 yd rail cars					
hoe ram, 4,000	gallor	n baffle and 10,000 gallon frac	ank, CAT 725 Pock	truck 220 aven			
THE COMPLETE	CIEL	ingsoils at the following stake lo		duck, 320 exca	IVator		
EI set up and conducted in the ecalibration, no es managing state 2B soils on Loading amount of stored and test	alibrat area furthe ockpilo ot 268 f perc	of Type 1C soils and 19 cy of and future rail transport or to the by haybales. ted perimeter dust monitors. To was not generating dust. AEI in the rissues noted. es and surrounding deeper excalable dust to the rebar and other definition to off-site transport. No discrete hed water was observed in the rior to off-site transport.	wo dust alerts were inspected the monito invations (>3') with sibris puncturing the	noted on the so r and determine taked orange sr 6-mil poly.	outheastern side of the unit requirement for t	of the site. The wo red a recalibration.	erlain by 20-m ork being After gth tarp to co
I has reviewed	SES's	Safe Work Form/Pre-Task Plan of SES's HASP."	for today, and verifi	ies, by signing t	pelow, that these	documents	a storet
ocedures and co	ontent	of SES's HASP."		, -, angling t	und these	documents comply	with the
AEI Signature		4/1					
S/AEI conflucto	d dail	V HRS tailed 28H v					
S SWP/PTP for	topics	y H&S tailgate meeting to review discussed and issues raised.	w work scope and sa	ifety precaution	is/JSAs associated	d with safe work pr	actices. See
		ESOLUTIONS:					550
A	E5/K	ESOLUTIONS:					
SCHESTONS !							
SCUSSIONS/C	LIEN	T DIRECTION:					

RATEGIC ENVIRONMENTAL SERVICES, INC. 2 Putnam Hill Road tton, Massachusetts 01590

Fax: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9/10/13	0.11
	Project Number: 12-0315
CLIENT / SITE INFORMATION	
Name: BASE	
Address: 180 MIII ST	
CRANSTON RT	
Contact: A ARM AFEI	
PROJECTS NOTES Made to the second	
AREA FOR CI PEU WORLD	135 TAIGATE - SET UP LAY DOWN
TOHA FINICH CARREST TO FINISH	Wright Hampien AREX 276 TOUS OF MATER
21/324 325/222 228/200 STA	I TO PEDIG SMALL ARROS IN CRILS
11/324, 325/322, 379/332, 335/2 DECON SKID STEEL ALD BOUGH	38 AND 460/457 MAOX 30 TONS
TOURN + SECURE COURN + SECURIO HOLD BACK FOSHOR	AR IC STOCK PILE AS WELL
LABOR	
Name Position Travel Onetto Office	MATERIALS / EQUIPMENT / TOOLS
Par les d'anne officiale les	avel Quantity Item / Description
BERGIERON OF 1 1	PPELevel: A B C D
SWEENEY OF	1 CAT 320 SES
SZPILA OC	CAT 321 Hillvires
MCCANTHY FT	CAT 966H Hillying
JAMRIS FT	POLLOFF TRUCK SES
HEFNEL OF +	1 320 WHOMMER HILLVIEW
	The the the Hell William
UBCONTRACTORS	20 CHICKERITE
	3 Roll 20 mill 12/4
	1 REST ROOM + HANDSINK
	300' FIRE HOLE
	10 WHITE TYWERK
	1/10001
(FAT) USB CONTRACTOR	
/EATHER OBSERVATIONS	
	Project Manager's Signature:
	Client's Signature:

.9/10/18)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Servicing or Ma	aintenance Wo	rk Description		
		ementation Project		
Start Date / Time				
	80 Mill Street, C			
Strategic Envir	onmental Serv	ices, Inc. (SES)		
Primary/Lead Co				
Contact Person:		RIFE		
Contact phone #				
Health and Saf	ety (H&S) Plan	(HASP) Signatures		- to out or late the site and/or daily USC
briefing. All person	nnel participating	in the project must receive initia	al Health and Safety Orientation Ith and Safety Officer. By signi	or to entry into the site, and/or daily H&S n. Thereafter, a tailgate safety meeting is ng below, an individual certifies that he has Task Planning Form.
Health and Saf				
Date	Name of Atte	endee (Print)	Company	Initials
9/10/12	KEVIN!	SWEENEY	SES	ES
9/10/18	MINO		563	my
9/10/18	Evan Harry		AEL	EAHO
9110118	Rmort medaglio		AET	RM
3/10/18	Joshua Klement		AFI	Jak
110/18	Ekulos	dyscertly it	SES	chi
9/10/18	1) comis	Bergerin	SES	1.13
9-10-18	Joe Kener		565	1 1 1 P
9/10/18	John Szecla		SES	75
a 10/18	Toxers Drehaum		AEI	A
9/10/18	Agno Tine		AEI	ACT
0/1/2	BAN Roll		5/21	BL
0110110	MILLIO	Pare	3.	
09/10/201	8 Tom	Dylica	SES	T.P.
		J		
Visitor Log	that visitors must	furnish their own personal pro-	tective equipment. All visitors	are required to sign the visitor log and
comply with Heal	th and Safety Plan	requirements. If the visitor rep all also immediately notify HSC.	resents a regulatory agency co	oncerned with site health and safety issues,
Name of Visito		Company Name	Date of Visit	Signature

Project: BASF Facility Cranston, RI Date ()	DAILY SAFE WORK FORM	SES (Page of)

Project:	
BASF Fac	ility
Cranston,	_
Date (- 1

SE	S	
(Page _	_ of _	_)

- /						
Abe	of Eq	uipment/Vehicles/Motorized Equipment	1			
_ ,	Field S	Service Trailer	1	Roll-off Tractor Truck		
	Excava	ators		Roll-off containers		
	Loade	_oader				
7/	Skid Steer Loader		-	Dump Truck/Triaxle		
2/			Dump Trailers			
, ,			Pickup Utility Trucks			
9	Genera	ator	_	Sump Pump		
	Water	Buffalo	_	Trench Box		
	Sawza			NaOH Storage Tank		
			-	Other (list)		
his !	work a	Iso requires the use of the permits or doc	uma	nte chacked by		
3 1 1	COLC	1-GLECIFIC HASP	une	nts checked below		
] LC	OCK-O	UT, TAG-OUT PERMIT	_			
Ø PF	RE-TAS	SK PLANNING FORM				
C	ONFINE	ED SPACE ENTRY PERMIT	_			
] 01	THERS	(LIST)				
			_			
ntici	ipated	Project Risks and Hazards Identification	Iden	ntify the source/s used and include necessary specific		
form	ation (rmati	ion)		
seu	N/A	Source	· · · · · · ·			
	-	Pre-work Inspection of the work site		Specific Risk or Hazard that needs to be addressed See SES HASP		
	MSDS review / includes any 'new' chemicals		MSDS Sheets Provided in HASP			
	X	Crane Operations		mode cheets Provided in HASP		
	X	Elevated Work				
-	/	Environmental Conditions		See SES HASP		
		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic		
	X	Language / Communication Difficulties				
		Materials to be used		See Pre-Task Plan		
	X	Overhead Work / Rigging		GGG TIC-TUSK FIGHT		
	X	Special Equipment to be used				
		Trenching / Excavation		See SES HASP		
	X	Utilities System tie-in / restrictions		GGE GES HASP		
-		Other Risks or Hazards	_	PCR/VOC-contaminated asile 8 ii		
-47 -5	pated F	Project Required Precautions & Protective	Mea	PCB/VOC-contaminated soils; Sodium Persulfate		
Iticip	sed (S	See Daily Pre-Task Plan for day-specific infor	mati	Be sure that each identified Risk or Hazard is		
ui co		The same of the sa	mau			
ui co	N/A	Area				
uica	N/A	Access & Egress Plans (People & Equipm		Specific measures that are required		
uica	X	Access & Egress Plans (People & Equipm Barricades needed				
uica	X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used		Specific measures that are required		
uica	X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required		Specific measures that are required		
uica	X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use		Specific measures that are required		
uica	X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required		Specific measures that are required To be developed on site with SES work crew		
ui co	X X X	Area Access & Egress Plans (People & Equipment Area Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder	ent)	Specific measures that are required To be developed on site with SES work crew See SES HASP		
uica	X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	ent)	Specific measures that are required To be developed on site with SES work crew		
uica	X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	ent)	Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP		
ui co	X X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection First Aid / Medical Treatment provisions	ent)	Specific measures that are required To be developed on site with SES work crew See SES HASP		
Idres	X X X X	Area Access & Egress Plans (People & Equipm Barricades needed BASF equipment / materials to be used Electrical safety equipment required Elevator use Emergency Equipment Emergency Plans / Emergency Responder Fall protection	ent)	Specific measures that are required To be developed on site with SES work crew See SES HASP See SES HASP		

Project:	
Project: BASF Fa	cility
Cranston	, RI
Date ()

SES (Page __ of __)

	X	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services		
X		Trench / Excavation Boxes	See SES HASP	
		Other Requirements	900 020 11/101	

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the s	ource/s u	sed and	check the appropriate boxes	
LI PI	EGR	D ⋈ MSDS □ BASF Knowledge	☐ Work	Provide	r Knowledge	
YES	NO	ITEM	YES	NO	Item	
X	4	Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit	
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants	
	X	Goggles ☐ Chemical ☐ Dust	i	X	Personal Fall Protection Equipment	
	X	Faceshield	X	-	Gloves Chemical Work	
Х	Hearing Protection ⊠ Plugs ☐ Muffs		X		Long sleeve shirt and steel toed boots with steel shank	
	X	Respirator Half-mask Full-face	X	150	Boots ☐ Rubber ☒ Other	
	X	Dust Mask		X	Welding Protection	
100	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces	
X		Eyewash Station	The second secon		Mobile phone or radios	
X		Tyvek Suits	X		Insect repellent, sunscreen	
		Other PPE (list)	X		High-visibility, reflective vest	

Trainin	ng Req	uirements
Need	N/A	Area
1	X	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
	/	Other training (specify) –
	-	

Project: BASF Facility Cranston, RI Date ()	DAILY SAFE WORK FORM		SES (Page of)	
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE 9/10/16	
PRE-TASK PLAN (PTP)	SES SUPERVISOR: Bhan Roe			

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task L	ist (Check off AND Circle today's activities)
	Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
	Task 3 - Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management.
	Task 4 – Transportation and Disposal of Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
Z	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
d,	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
Ø	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
Π,	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
e /	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
d	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation:JSA 4,5,6,8
☑ ✓	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

4,5			
	Elevated heights (>4ft)	RNO	
5.6		NA□ Low⊠ Medium□ High□	B23 Working from Heights (> feet)
5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground
4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	Utilities: JSA 1,3,4 B25 Electrically Powered
4,5,6	Electrically powered	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered
4,5,6			Equipment and Tools: JSA 9
4.5		MALI LOWLI Medium M High	B26 Cutting Devices/Tools; JSA 9
	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4
	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9
3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All
4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JSAs B32 Plants and Animals; All
3,5,6	Ticks, mosquitos		JSAs
1,3,4,5,6	Employees working		B32 Poisonous Plants, Animals, and Insects; All JSA
	early/late		B34 Personal Safety; All JSAs
of Any Additional A	ctivities, And Associated Health	and Safety Risks and Protective	Procedures/Equipment:
	4,5,6 4,5,6 4,5 3,4,5,6 3,5,6 4,5,6 1,3,4,5,6 Note:A single hale valuated as the	4,5,6 Electrically powered equipment 4,5,6 Cutting devices/tools 4,5 Drums, cylinders, containers 3,4,5,6 Material handling, ergonomics 3,5,6 Poisonous/irritating plants 4,5,6 Insects/rodents/snakes 3,5,6 Ticks, mosquitos 1,3,4,5,6 Employees working early/late Note: A single hazard may be listed under several evaluated as the overall ranking.	4,5,6 Electrically powered equipment A,5,6 Cutting devices/tools NA Low Medium High 4,5,6 Cutting devices/tools NA Low Medium High 4,5 Drums, cylinders, containers NA Low Medium High 3,4,5,6 Material handling, ergonomics NA Low Medium High 4,5,6 Poisonous/irritating plants NA Low Medium High 4,5,6 Insects/rodents/snakes NA Low Medium High 1,3,4,5,6 Employees working NA Low Medium High 1,3,4,5,6 Employees working NA Low Medium High 1,3,4,5,6

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9/10/18	MIKE JAMIUS	SES	0638	1500
9/10/18	Kerzw Screener	SES	0630	1500
9/10/18	Joe Hoper	SES	0630	1500
1/10/18	Dennis Bergen	SES	0630	1500
9/10/18	Evun Harring	AEI	0630	1440
1 hours	Robert Meday 17	AET	0630	1513
9/10/18	John Szp. k	SES	0630	1506
7/10/18		AEI	0630	\$500 15.1
9/10/18	Aaron Ting	AEI	0630	1545
9/10/18	JOShua Klement	AEI	06:40	15:15
110118	Charles MarthyTo	SES	06:32	15-00
1/10/18	BRR	565	6;3)	15:00
1/10/18	Toin Dylesm	SES	10:00	1400

Deninet:	DACE		OJECT REP		AFI
Project:		, Lot 1102 Mill Street		By: Aaron C. Ting	
	_	ston, RI		ure: 9/11/2018	Consultants
	Ciait	Ston, RI	Ŷ.	9/11/2016	
	Weat	ther: Cloudy, sunny and humid in	afternoon	Daily Precipitation: <0.25"	Temp: <u>83-69</u>
PERSONNEL	/EOU	IPMENT			(Hi – low)
Contractor	No.			Owner/Representative: N/A	
		Superintendent			
	1	Foremen	SES		
	1	H&S/QA Officer	SES	AEI Personnel: Aaron Ting	1
	4	Operators	SES	Joe Drebaum	1
	2	Laborers	SES	Robert Medaglio	1
		Other Trades (Surveyor)		Evan Herring	1
		_		Josh Klement	1
SubContractor	No.	Company/Firm		Rick Kowalski	1
	2	New England Geotech		Visitors On Site: N/A	
	_16	Total Personnel On Site			
MAJOR EQUI					IPMENT/MATERIALS RECEIVED
		bcat 289D skid steer, CAT 321C/			transported offsite and 2-new
		0-yard metal recycling container,		delivered	
20-cy dump tr	diler				
2 teach/samedi	na bla	2 100 vd mil mm			
		s, 2-100 yd rail cars	tank CAT 775 P	ock truck 320 evcavator	
hoe ram, 4,00	0 gallo	on baffle and 10,000 gallon fract	tank, CAT 725 R	ock truck, 320 excavator	
hoe ram, 4,00 WORK COMP	0 gallo	on baffle and 10,000 gallon frac t			collected samples for laboratory and
hoe ram, 4,00 WORK COMP	0 gallo	on baffle and 10,000 gallon frac t		ock truck, 320 excavator s above the soil cleanup criteria. AEI	collected samples for laboratory and
work come SES/AEI revisi Dexsil analysis	0 gallo PLETE ted ex	on baffle and 10,000 gallon fracti D: cavations to redig areas with PC	B concentrations		
work come SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P	o gallo PLETE ted ex ; , 32.5	on baffle and 10,000 gallon fraction: D: cavations to redig areas with PC cy of Type 2B (reexcavated) soil	B concentrations s were excavate	above the soil cleanup criteria. AEI	emporary stockpiling and future rail
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w	o gallo PLETE ted ex , 32.5 W-300 with Ty	on baffle and 10,000 gallon fraction. D: cavations to redig areas with PC cy of Type 2B (reexcavated) soil 008 and PW-30009 were transported by the period of the peri	B concentrations Is were excavate Interest off-site by incentions	s above the soil cleanup criteria. AEI and transported to Lot 2682 for te	emporary stockpiling and future rail
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing	o galk PLETE ted ex , 32.5 W-300 ith Ty d calib	on baffle and 10,000 gallon fraction. D: cavations to redig areas with PC cy of Type 2B (reexcavated) soil 008 and PW-30009 were transport pe 2B soils for transport to WM I rated perimeter dust monitors.	B concentrations Is were excavate red off-site by I Emelle. No dust alerts w cavations (>3')	a above the soil cleanup criteria. AEI and transported to Lot 2682 for te 28W railroad. SES lined two new rail are observed. SES used water as new with staked orange snow fence. SES	emporary stockpiling and future rail lears, PW-20008 and PW-30016, and seeded to control fugitive dust
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing cover the Type	0 galle PLETE ted ex ted ex , 32.5 W-3000 W-3000 Horizontal discount Stock Stock	on baffle and 10,000 gallon fraction: cavations to redig areas with PC cy of Type 2B (reexcavated) soil 08 and PW-30009 were transported by the soils for transport to WM is rated perimeter dust monitors. Epiles and surrounding deeper expoils on Lot 2682 due to the rebail erosion and sediment control piles.	B concentrations Is were excavate Inted off-site by Interest by In	a above the soil cleanup criteria. AEI and transported to Lot 2682 for te 28W railroad. SES lined two new rail are observed. SES used water as new with staked orange snow fence. SES	emporary stockpiling and future rail licars, PW-20008 and PW-30016, and needed to control fugitive dust is used a higher strength tarp to
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing cover the Type AEI conducted corrective acti	0 galle PLETE ted ex ., 32.5 W-300 ith Ty g stock e 2B s 1 a soi on log	on baffle and 10,000 gallon fractions. D: cavations to redig areas with PCC cy of Type 2B (reexcavated) soil 008 and PW-30009 were transport pe 2B soils for transport to WM I rated perimeter dust monitors. cpiles and surrounding deeper ex coils on Lot 2682 due to the reball I erosion and sediment control pile in preparation to dewater Type in preparation to dewater Type	B concentrations Is were excavate Interested off-site by Interested off-site by Interested Interested off-site by Interes	a above the soil cleanup criteria. AEI and transported to Lot 2682 for te and transported. SES lined two new rail are observed. SES used water as newith staked orange snow fence. SES is puncturing the 6-mil poly.	emporary stockpiling and future rail cars, PW-20008 and PW-30016, and eeded to control fugitive dust sused a higher strength tarp to see attached inspection report and
hoe ram, 4,00 WORK COMP SES/AEI revisil Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing cover the Type AEI conducted corrective acti SES setup fract dewatering is New England	0 gallo PLETE ted ex , 32.5 W-300 W-300 ith Ty d callib d stock e 2B s tank neede	on baffle and 10,000 gallon fraction: cavations to redig areas with PC cy of Type 2B (reexcavated) soil 08 and PW-30009 were transport to WM I crated perimeter dust monitors. cipiles and surrounding deeper expoils on Lot 2682 due to the rebail erosion and sediment control pile. in preparation to dewater Type and control pile.	B concentrations Is were excavate Interest off-site by Remelle. No dust alerts we cavations (>3') In and other debit It is inspection. It excavation. with RI standar	a above the soil cleanup criteria. AEI and transported to Lot 2682 for the and transported to Lot 2682 for the act of the	emporary stockpiling and future rail licars, PW-20008 and PW-30016, and eeded to control fugitive dust is used a higher strength tarp to see attached inspection report and in the excavation and see if
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing cover the Type AEI conducted corrective acti SES setup fract dewatering is New England	0 galleted exist. , 32.5 W-300 ith Ty d calib stock e 28 s a soil a soil on log c tank neede Geotee	on baffle and 10,000 gallon fractions. D: cavations to redig areas with PCC cy of Type 2B (reexcavated) soil 008 and PW-30009 were transport pe 2B soils for transport to WM is rated perimeter dust monitors. Spiles and surrounding deeper exit oils on Lot 2682 due to the rebail It erosion and sediment control piles in preparation to dewater Type and ch closed 18 wells in accordance P-32S, P-001S, P-36S, PW-130,	B concentrations Is were excavate Interest off-site by Remelle. No dust alerts we cavations (>3') In and other debit It is inspection. It excavation. with RI standar	a above the soil cleanup criteria. AEI and transported to Lot 2682 for the and transported to Lot 2682 for the act of the	emporary stockpiling and future rail licars, PW-20008 and PW-30016, and eeded to control fugitive dust is used a higher strength tarp to see attached inspection report and in the excavation and see if
hoe ram, 4,00 WORK COMP SES/AEI revisi Dexsil analysis Approximately transport. Two railcars P loaded each w AEI set up and emissions. SES managing cover the Type AEI conducted corrective acti SES setup frac dewatering is New England P-3S, P-37S, F HEALTH & S. AEI has review	0 gallete ted ex ; ; ; 32.5 W-300 W-300 ith Ty d calib stock e 2B s 1 a soi on log t tank neede Geote -32D, AFET wed Si	on baffle and 10,000 gallon fraction: cavations to redig areas with PC cy of Type 2B (reexcavated) soil on the policy of Type 2B (reexcavated) soil on the policy of Type 2B (reexcavated) soil on the policy of Type 2B soils for transport to WM I was and surrounding deeper expected on the rebail of the policy	B concentrations is were excavate inted off-site by itemelle. No dust alerts we cavations (>3') in and other debit in inspection. IC excavation. with RI standar P-35S, P-33D, F	a above the soil cleanup criteria. AEI and transported to Lot 2682 for the and transported to Lot 2682 for the act of the	emporary stockpiling and future rail lears, PW-20008 and PW-30016, and eeded to control fugitive dust is used a higher strength tarp to See attached inspection report and in the excavation and see if

ISSUES/CHANGES/RESOLUTIONS:

DISCUSSIONS/CLIENT DIRECTION: N/A STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9/1///3						Duningt	NI.	12 - 2 -
1/1/10						Project	Numbe	er: 18-0315
CLIENT / SITE INFORMAT	TION							
Name: BASF	ION							
Address: 180 Mil	11 07							
CANSTON R	7 31						-	
Contact: Acres					_			
PROJECTS NOTES MAI	/2 = 7	-	-0	7	2.5.6			Fuac
POST DID OUT D	110	51	1/2		ALL	SAIR	TAI	11. SRT UP FORK TANK
DUI DIONOI PUR	MP WA	7 Pag	YE	15	121	110 17	6 1-	1 AICEN LOCATIONS
Pullen and 15 1.	CHI.	DAL	300	PUI	(187)	WELLS	6/11/1	H NEW FINGLAN GROTECH
ELIED POTH CA	2115	411	TI	29	Hou	200 8	Na	en DECON CAT 321 + LOADEN
10019 150/11 CH	3 600	151	Fil	2 51	CUR	E SITI	in	b back TO SHOP
LABOR						MATERI	ALC /	FOLUDATAIT / TOOLS
Name	Docition	1 2 27		Tana.	-		ALS /	EQUIPMENT / TOOLS
ROFE	Position Position	Travel	6:30	Off-Site	16:30	Quantity	DDF	Item / Description
D BERGIERON	of	1330	0.20	1330	10,30			Level: A B C D
K SWEENEY	or	+	\vdash		+			7920
I SZPILA	DP	-	H	\vdash	H	-1,	CAI	321
C MC CANTHY	1-5	-	1	\vdash	\vdash	-	041	966
M. JAMPUS	FT	1		1	1	1	DAY.	7322 W HAMMER
J HEFNEN	FTO	230	9:30	1630	1630	1		K Truck
5 1114 12 12	FIJU	600	1.30	1300	16,50	20	GRA	
SUBCONTRACTORS	И					20	00-	CICLODOTS
						301'	0	Room + Siola
						10	1-11	TE TYUECK
						3	1201	TARCE TYUNGK
							10001	TAGE
EATHER OBSERVATION	VS.							
	,,,					Project Man	ager's Sigr	nature:
						Client's Sign	atura	
						cheffts sign	ature:	
							-	

.9/1/18)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

accription of	Maintenance Work Work: CMI Implem	nentation Project		
tart Date / Tir	me: (Date) (Time)	9/11/18 0130		
ocation of	180 Mill Street, Cra	anston, RI		
/ork				
	·	nee Inc (SFS)		
trategic Env	rironmental Service	SES, IIIO. (DES)		
rimary/Lead	Company Name: S	14.		
ontact Perso	JII. 1201 1557 15 1			
contact phon	e# 508/ 326	6381		
Sign-off sheet a	ittesting that the HASI		reviewed by the individual prior to e Health and Safety Orientation. The h and Safety Officer. By signing bel hily Safe Work Form with Pre-Task F	ntry into the site, and/or daily H&S reafter, a tailgate safety meeting is ow, an individual certifies that he has Planning Form.
Health and	Safety Meeting			Initials
Date	Name of Atte	ndee (Print)	Company	MC
0/11/1/	B 1200	7	5/2/	cn
611119	Charles.	MSCOTTLE OF	SES	
9/11/18	Hinns	Besucon	767	15
1/9/1/2	2000	150 A	20	ma
9/1/1	5 Mike	Tamores	75.5	Res
6/1//	y Achert	Medicio	7-5	Art
2/11/19	Aany	Tins	115	UA
11/1/	treets	Deebaum	AFT	FAH
9/1/18	Einen Ha	My	AET	Jak
alula	Verder	a Danier	SEC	36
9/11/19	V KENJ	N SWEENEY	451	the
1/11/10	Rich	ed Kowalska	SAS	28
9-11-18	Jor	Hetner	SES	T.D.
	1018 TOM	Dyksm	3L 3	
-				
Vicitor L	og		otoctive equipment. All visitors are	required to sign the visitor log and erned with site health and safety issue:
It is SES's p comply with	policy that visitors must n Health and Safety Plated Site Supervisor s	hall also immediately notify HSC	presents a regulatory agency conc Date of Visit	Signature
Name of	Visitor (Print)	Company Name	-01 05	
Nouver (Mendozav	N.E. Geotech.	9/11/2018	De /mal
30 per y	269	Thielisch Engine	ergs 9/11/2018	
4				

Project: BASF Facility Cranston, RI Date ()	DAILY SAFE WORK FORM	SES (Page of)
•		

Project:
BASF Facility
Cranston, RI
Date (9(1))

SES (Page __ of __)

Date	(9][]		
Type	of Equi	pment/Vehicles/Motorized Equipment	
	Field Se		d Bullet
_	Excavat		The state of the s
-	Loader	12	Roll-off containers
	Track Do	Ozer D	Dump Truck/Triaxle
_			Dump Trailers
-	Frac Tar		Pickup Utility Trucks
-	Generat	or	Sump Pump
_	Water B	# 1	Trench Box
-	Sawzail		NaOH Storage Tank
	Jawzaii		Other (list)
This	work als	o requires the use of the	
⊠ PI	ROJECT	so requires the use of the permits or docu -SPECIFIC HASP	ments checked below
		T, TAG-OUT PERMIT	A STATE OF THE STA
⊠ PI	RE-TASI	K PLANNING FORM	
		D SPACE ENTRY PERMIT	
	THERS		
	TILITO	(LIO1)	
Antic	inated E	Project Picks and Havenda Lt. 155	1 W 1
inform	nation (S	ee Daily Pre-Task Plan for day-specific infor	dentify the source/s used and include necessary specific
Used	N/A	Source	
X	IWA		Specific Risk or Hazard that needs to be addressed
X		Pre-work Inspection of the work site MSDS review / includes any 'new' chemica	See SES HASP
	Х	Crane Operations	s MSDS Sheets Provided in HASP
	X	Elevated Work	
Х	^	Environmental Conditions	0.050.0405
X			See SES HASP
^	X	Heavy Powered Mobile Equipment Use Language / Communication Difficulties	Excavators to load soil into trucks, truck traffic
Х	^	Materials to be used	0.0.7.0
^	X	Overhead Work / Rigging	See Pre-Task Plan
	X		
X	^	Special Equipment to be used Trenching / Excavation	0050.0000
^	X		See SES HASP
X	^	Utilities System tie-in / restrictions Other Risks or Hazards	DODA(GO
	instad E	Project Required Precautions & Protective	PCB/VOC-contaminated soils; Sodium Persulfate
addre	seed (S	See Daily Pre-Task Plan for day-specific info	Measures Be sure that each identified Risk or Hazard is
Need	N/A	Area	
X	INITA		Specific measures that are required
^	X	Access & Egress Plans (People & Equipm Barricades needed	ent) To be developed on site with SES work crew
	X	BASF equipment / materials to be used	
-	X	Electrical safety equipment required	
-	X	Elevator use	
v	^		0.00014400
X		Emergency Equipment	See SES HASP
^	V	Emergency Plans / Emergency Responde	See SES HASP
v	X	Fall protection	0.000
X	-	First Aid / Medical Treatment provisions	See SES HASP
-	X	HOT WORK Procedure requirements	
	X	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	

Project:	
BASF Fa	cility
Cranston	
Date (9	11 1

SE	S	
(Page_	_ of)

	X	Scaffolds / decking	
X	1 1	Temporary electrical power	See SES HASP
	X	Temporary Utilities services	
X		Trench / Excavation Boxes	See SES HASP
1,		Other Requirements	

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the s	ource/s us	sed and	check the appropriate boxes
□ PF	E GRI	D ⋈ MSDS ☐ BASF Knowledge	□ Work I	Provide	r Knowledge
YES	NO	ITEM	YES	NO	Item
X		Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit
X		Safety Glasses, ANZI-rated, side shields	VI 1 I	X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust		X	Personal Fall Protection Equipment
	X	Faceshield	X		Gloves ⊠ Chemical □ Work
X		Hearing Protection ⊠ Plugs □ Muffs	X		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator Half-mask Full-face	X		Boots ☐ Rubber ☒ Other
	X	Dust Mask	11	X	Welding Protection
V = 1	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces
Χ		Eyewash Station	X		Mobile phone or radios
X		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	Х		High-visibility, reflective vest

Project: BASF Facility Cranston, RI Date (9 11)	DAILY SAFE WORK FO	DAILY SAFE WORK FORM				
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	180 Mill Street,	DATE			
PRE-TASK PLAN (PTP)	SES SUPERVISOR:	Cranston, RI				

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

_	Task 1 - Permitting
)	Task 2 – Mobilization/Site Prep/Pood 8 Days 1
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 4 – Transportation and Disposal of Contaminated Material
	Task 4 – Transportation and Disposal of Contaminated Material Task 5 – Backfilling and Continue (Contaminated Material)
1	Task 5 – Backfilling and Grading/Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement Task 6 - Demobilization

		Recommended Actions of	or Procedures	
Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	
Ø,	3,4,5	Dust/Fumes/Particulates	NAZ Low Medium High□	B1 Chemical: JSA 10
d,	3,4,5,6	Job Zone Control		B2 Dust: JSAs 1,2,4,5,6
2	3,4,5,6	Heat	NA□ Low□ Medium⊠ HighX	B3 Job Zone Control; All JSAs
	3,4,5,6		NA□ Low Medium High□	B4 Heat: All JSAs
	1,3,4,5,6	Cold	NA□ Low Medium High□	B5 Cold; All JSAs
1		Severe Weather	NA□ Low Medium High□	B6 Severe Weather: All JSAs
	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	Work Areas: JSA 1,3,4,7 B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: 1SA
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	5,6,9 B7 Safe Walking Surfaces and
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	Work Areas; JSA 1,3,4,7 B15 Overhead Hazards: JSA
/	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low Medium High□	2,5,6 B17 Traffic Management: All JSA
1	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	R19 Hones March
,	5,6	Trenching/Excavation	NAS I - S AL III	B18 Heavy Machinery: JSA 4,5 B19 Trenching/Excavation:JSA
1	1,3,4,5,6	Vehicle use	NACT I	4,5,6,8
	2,3	Work near/on water	NIA 57 1	B20 Vehicle Use: All JSA
			NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	322 Working from Heights (<4

Project: BASF Facility Cranston, RI Date (9)		DAILY SAFE	DAILY SAFE WORK FORM		
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□		
	5,6	Overhead/underground		B23 Working from Heights (>4 feet)	
1	4,5,6	utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4	
		Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered	
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered	
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9 B26 Cutting Devices/Tools;	
	4,5	Drums, cylinders,	NA□ Low⊠ Medium□ High□	JSA 9 B1 Chemical: JSA 4	
	3,4,5,6	Material handling,		or chemical. JSA 4	
		ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9	
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All	
	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JSAs B32 Plants and Animals; All	
9	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	JSAs B32 Poisonous Plants.	
	1,3,4,5,6	Employees working	NA□ Low⊠ Medium□ High□	Animals, and Insects; All JSA	
3	Note:A single ha evaluated as the	zard may be listed under several overall ranking.		t Severity ranking of the tasks	
	1,3,4,5,6 Note:A single ha evaluated as the	Employees working early/late	NA□ Low⊠ Medium□ High□ Tasks. In this case, use the highes	B32 Poisonous Plants, Animals, and Insects; All J B34 Personal Safety; All J st Severity ranking of the task	

	Proje	ct Information					
Name		Former Ciba-Geign	Facility				
ocation 180 Mill St, Cranston, RI (Plat 4, Lof 1102)							
DEM Permit No.	18-0048 / RIF						
Site Owner	Name Joseph Guarnaccia	Phone 973-245-57129	ioseph. quarna ocialbast.				
Site Operator	Name Bran Roe	Phone	broe estrategic, com				
	Inspec	tion Information					
Inspector Name	Name Aaron C. Ting	Phone 978-577-7138	ating eaciconsultants.				
Inspection Date	9/11/18	Start/End Time	1100-1130				
Inspection Type	Pre-storm event During st	orm event 🗹 Post-storm eve	ent 🗆 Other				
		her Information					
Last Rain Event	18 Duration (hrs): 8.95	Approximate Rainfall (in):	0.91				
Rain Gauge Locatio							
Weather at time of t	his inspection:	3 voortinger of					
	1000-11-116						
Ob sale at at a month th	at anniles they also and data ha	low					
	at applies then sign and date be		No.				
I, as the designat	ted Inspector, certify that this sit intenance and corrective actions	e has been inspected as required at this time.	red by regulation and I have				
			A to a second of the second of the second				
I, as the designal made the determina this inspection repo	ted inspector, certify that this sit ation that the site requires corre- ort.	te has been inspected as requi- ctive actions. The required cor	rective actions are noted within				
Print Nam			Date				
	on C. Ting	26/3	9/11/18				
The Site Operator a	acknowledges by his/her signatus knowledges that all recommend we actions must be made in this	led corrective actions must be	completed and documentation				
OT All SUCH COFFECTI		0	Date / //2				
Operator: 130	AN RAK		9/11/10				

PROJECT:	Cranston	RI
		7

INSPECTION DATE: 9/11/18

General Site Issues

Below are some general site issues that should be assessed during inspections. Please customize this list as needed for conditions at the site.

	Compliance Question		Assoc. Photol Figure #	Corrective Action Needed (if 'Yes', please detail action required and include location/station)
J. S.	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	ÁQYes □No □ N/A	see photi	and include rocation/station/
	Are appropriate limits of disturbance (LOD) established?	XYes UNo	1	
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ☑ N/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No ⊠N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No ☑N/A		
6	Were all exposed soils seeded by October 15 th ?	□Yes □No □ N/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No ⊠N/A		
8	In instances where adequate vegetative stabilization was not established by November 15 th , have non-vegetative erosion control measures must be employed?	□Yes □No Ø N/A		
9	If work is to continue from October 15th through April 15th, are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No		
10	Have inlet protection measures (such	N/A		
1	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No	0	
1	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No)	Page 2 of (3

	Compliance Question		Assoc. Photol Figure#	Corrective Action Needed (if 'Yes', please detail action required and include location/station)
3	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No 55-N/A		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No □XN/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No ☑ N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	⊠Yes □No □ N/A	see proto	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	⊠Yes □No □ N/A	+	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ☑ N/A		
19	Have staging areas and equipment	□Yes □No ⊠(N/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	□Yes □No		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes □No ☑ N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes □No		
23	management practices?	□Yes □No ⊠.N/A		
24	Has the site operator taken steps to	The same		
a	Contaminated groundwater.	ØYes □No		

	Compliance Question		Assoc. Photo/ Figure#	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	□Yes □No ☑N/A		
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	□Yes □No ՃN/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	⊠Yes □No □ N/A	Sephoto	
е	Soaps or solvents used in vehicle and equipment washing.	ØYes □No □ N/A		
f	Toxic or hazardous substances from a spill or other release.	⊠Yes □No □ N/A		
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	⊠Yes □No □ N/A	1	
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No ⊠-N/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	ØYes □No □ N/A	see proto	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	⊠Yes □No □ N/A		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	⊠Yes □No □ N/A	1	
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	☑Yes □No □ N/A	1	
31	Are allowable non-stormwater	⊠Yes □No □ N/A		
32	Is the site operator properly managing groundwater or stormwater	□ N/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	⊠Yes □No		

INSPECTION DATE: 9/11/18

Compliance Question		Assoc. Photo/	Corrective Action Needed (If 'Yes', please detail action required
exposed to stormwater?		Figure #	and include location/station)
Are stockpiles located within the limits of disturbance?	ØYes □No □ N/A		
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	⊠Yes □No □ N/A		
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	⊠Yes □No □ N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	⊠Yes □No □ N/A		
as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	□Yes □No 対 N/A		
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	ØÍYes □No □ N/A		
(Other)			

PROJECT: Cranston, RI	INSPECTION DATE: 9/11/18
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General Field Comments: N/A

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12. Location/Station | Control Measure Installed & Assoc. Corrective Action Needed Description Operating (Yes or No; if 'Yes', please Photo/ Properly? Flaure # detail action required) MYes QNo Construction RIDOT Std Specs see photo Site exit includ 100 decon pad RI Soil Brosian and Sed. control bak 2 ☑Yes ☐No Penmeter - compost see corrective action Project-wide Ritersocles (Rivor log torissues/correctors. including 9.1.0 material-Stockpiles_halfbales RIDOT STA Spec-204, 212 RI SESC Handbook Syes DNo strckpiles 3 Water For dust Project-wide control/cover induding Brockpiles RIDOTSTOLSPEC material stocker les RISESC Houndbook Yes ONo 4 Roads adjacent to construction site Adjacent 6hall be clean at the end of roads each day Pickup construction trosh/debvis Yes UNo Project-wide Spill prevention / Spill containment DYes DNo 6 Project-wide measures ☐Yes ☐No 7 ☐Yes ☐No

8

Photos:

Photo #: 1



Station: North Site

Description: Decontamination pad located on Lot 1102

Photo #: 2



Station: North Site

Description: Temporary stockpiles, covered with poly/tarp and surrounded by haybales.

Photo #: 3



Station: North Site

Description: Construction access road leading to Mill St from Lot 1102. Adjacent roadway kept clean from any soil track-out from exiting vehicles/equipment.

Photo #: 4



Station: North Site

Description: CFS staked on northern property boundary.

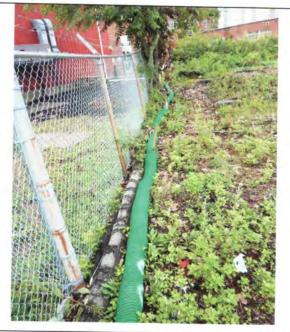
Photo #: 5



Station: South Site

Description: Staked silt fence on south east side of Site.

Photo #: 6



Station: South Site

Description: CFS located on south side of Site.



Station: South Site

Description: Fractionation tanks to be used to manage groundwater in excavations.

Photo #: 8



Station: South Site

Description: Downed silt fence on the southeastern side of the site. Contractor to repair and replace by end of day.

Photo #: 9



Station: South Site

Description: Trash/recycling receptacles.

Corrective Action Log

TO BE FILLED OUT BY SITE OPERATOR

Describe repair, replacement, and maintenance of control measures, actions taken, date completed, and note the person that completed the work

	Location/Station	Corrective Action	Date Completed	Person Responsible
	SE Site	Repair/replace Sitt fence	9/11/18	SES
-				
1				
1				
1				
t				
-				
er	ator Signature:		Date: 9/1/	18

ESC Plan Inspection Report

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BASF 180 Mill Street, Lot 1102

9/11/18	Jue (cemeny	Cranston, RI NE Geotich	8.00	7.00
9 11 18 Date	Maynor Stenderal Name	N.E. Gentech Company Name	B: 00 ay	3:00 pm
9/11/12	BRIA) RATE	585	06:30	15:32
9/11/18	Charles Mathy or	SES	06:30	15:30
9/11/18	Dennis Bergen	SES	0630	1530
9/11/18	-10	SES	6630	1530
9/11/18	Mike FAMERS	SES	0630	1530
11/1/18	arbot meday is	AEL	0 63 0	1300
9/11/18	Aaron Ting	AEI	0630	1600
aluly	Joseph Drehaum	AEI	0650	15:00
1/11/19	Evan Harrery	AET	0630	1440
3/11/18	Joshua Klement	AET	06:30	15:17
9/11/18	KEVIN SWEENEY	SES	0800	1530
111/18	Pick Kowalski	AEI	0805	0910
lulis	Joe Hether	565	70700	1530
1/11/2018	Tom Dykstra	SE 3	6001	1105

DAILY PROJECT REPORT Submitted By: Aaron C. Ting BASF, Lot 1102 Project: Signature: 180 Mill Street 9/12/2018 Date: Cranston, RI Daily Temp: 73-65 Precipitation: 0.5" Weather: Cloudy (Hi - low) PERSONNEL/EQUIPMENT Owner/Representative: N/A Contractor SES 1 Superintendent SES 1 Foremen SES AEI Personnel: Aaron Ting 1 H&S/QA Officer 1 Evan Herring SES 3 Operators Robert Medaglio SES 2 Laborers Other Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: N/A 2 New England Geotech 13 Total Personnel On Site EQUIPMENT/MATERIALS RECEIVED: MAJOR EQUIPMENT: 2 support trucks, Bobcat 289D skid steer, CAT 321C/322 excavators CAT 996H Loader, 20-yard metal recycling container, 20-cy dump trailer 2-trash/recycling bins, 2-100 yd rail cars hoe ram, 4,000 gallon baffle and 10,000 gallon frac tank, CAT 725 Rock truck, 320 excavator WORK COMPLETED: SES/AEI revisited excavations to redig areas with PCB concentrations above the soil cleanup criteria. AEI collected samples for laboratory and Dexsil analysis. Approximately, pg cy of Type 2B (reexcavated) soils were excavated and transported to Lot 2682 for temporary stockpiling and future rail transport. AEI set up and calibrated perimeter dust monitors. One dust alerts was observed, but was attributed to rain/humidity. The unit was rezeroed and no further issues were noted. Heavy rain, so no need to utilize water to control fugitive dust emissions. SES managing stockpiles and surrounding deeper excavations (>3') with staked orange snow fence. SES used a higher strength tarp to cover the Type 2B soils on Lot 2682 due to the rebar and other debris puncturing the 6-mil poly. New England Geotech closed 5 wells in accordance with RI standards. The wells are as follows: PW-110, MW-21S, VE-1, VE-2, VE-3. AEI discussed closure of well P-30D, which is in the river and goes through the sediment cap. SG/ACT agreed that NEG should cut well flush with walkway and grout well. Do not remove steel casing or riser. Informed NEG and SES of removal process. NEG will remobilize another day to close this well and another well. **HEALTH & SAFETY:** AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP. AEI Signature SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised. One SES personnel was sent offsite to receive medical treatment for a bee sting that started swelling. The worker was back on-site the same day without further issue. The next daily safety meeting will discuss bee/insect bites and proper handling of the situation/medical needs. Bee/wasp spray was also purchased as a means to control/eliminate the issue. ISSUES/CHANGES/RESOLUTIONS: N/A

DISCUSSIONS/CLIENT DIRECTION:

N/A

STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road

Sutton, Massachusetts 01590 Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9//2/ \\						Project I	Number: 18-0315
							10 0515
CLIENT / SITE INFORMAT	ION						
Name: BASF							
. Address: 180 mil	155						
CRANSTON R							
Contact: Aaron							
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bade TO SITA. N	18 6	BAT	201	I P.	1/18	2 (2)	WELLS IN COVINIMENT ANGA
And Q in Class) Ani	Zel	SE	TUF	Ta	REDI	6 ART CIEII # 348-350, 340-343
AND 487-485 . CUT DO	WN TH	HER R	ana	inge	1 05	TORES (EXCEPT O THOINERS TO BE CUT by
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prole back TOSIHIP	7.(-					747.240	Sta ward Controlled
LABOR						MATERI	ALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
B. ROFE	SPIOP	530	630	15:00	16:00		PPE Level: A B C D
P BERGIERUN	OP	5:30	I			1	CAT 320 SES
KSWEENGY	OP	5:30			8	1	CAT 321
C MC CANTHY	rT	6:00			1530	1	CAT 322 W HAM Hilliper
M. JAMPOS	FT	530				1	CAT SKIP TOPCK
J SZPILA	DP	1	X	4		1	Rock Truch
			_			1	GEN
						300'	FIRE HOSE
SUBCONTRACTORS						1	REST ROOM + SONK
						10	COT GUU LOPOR HILLIAM
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MEATHER ODGERVATION	NIC						
WEATHER OBSERVATION	N2					Project Mar	nager's Signature:
						Client's Sig	nature:

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	1

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

rvicing or i	Mork	nance Work D	ntation Project			
scription of	WOIK.	oto) (Time)	9/12/18 06	5:30		
	me: (D	ate) (Time) ill Street, Cran	111111			
cation of	180 W	III Street, Cran	31011, 131			
ork						
			e Inc (SES)			
rategic En	vironm	ental Service	S, IIIC. (OLO)			
imary/Lead	Comp	any Name: SE	0			
ontact Pers	on: /3	RUY RS	1002			
ontact phor	ne #(<	02) 3260	6525			
	-		A CD) Cignatures			the and/or daily H&S
ealth and	Safety	(H&S) Plan (H	ASP) Signatures	d reviewed by the individual prior ial Health and Safety Orientation. alth and Safety Officer. By signing	to entry into the s	ate safety meeting is
gn-off sheet	attesting	that the HASP I	he project must receive initi	ial Health and Safety Orientation.	holow an individ	lual certifies that he has
quirea <u>gally</u>	od, and	will observe the	contents of this HASP and I	alth and Safety Officer. By Signing Daily Safe Work Form with Pre-Ta		
ealth and	Safety	Meeting		Company	Initial	ļş
Date	I	Name of Attend	tee (Print)	SES	DO	3
9/12/10		Dennis	Sergeren	5.5	m	1
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UTHE !	6	-				
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	_					
				All violators	are required to si	gn the visitor log and
Visitor L	og	hat visitors must	furnish their own personal	protective equipment. All visitors represents a regulatory agency (SC.	concerned with sit	e health and safety issues
It is SES's	policy u	and Safety Plan	requirements. If the visitor	represents a regulatory agents		
the Design	nated Sil	e Supervisor sin		Date of Visit	Signature	
Name of	Visitor	(Print)	Company Name		- 1	
113,50						
					54	

Project: BASF Facility Cranston, RI Date (7//2)	DAILY SAFE WORK FORM	SES (Page of)

Project:
BASF Facility
Cranston, RI
Date (9//2)

SE	ES	
(Page_	_ of)	

Туре	of Equip	oment/Vehicles/Motorized Equipment	1			
		vice Trailer		Roll-off Tractor Truck		
	xcavato	ors 🗹		Roll-off containers		
ZL	oader			Dump Truck/Triaxle		
				Dump Trailers		
Ø 8	Skid Stee	er Loader	_	Pickup Utility Trucks		
	rac Tan	k		Sump Pump		
4	Generato	or \Box		Trench Box		
	Vater Bu	uffalo 🗆	_	NaOH Storage Tank		
	Sawzail			Other (list)		
This v	vork als	o requires the use of the permits or doc	ume	nts checked below		
⊠ PR	ROJECT	-SPECIFIC HASP				
□ LO	CK-OU	T, TAG-OUT PERMIT				
		PLANNING FORM				
	DNFINE	D SPACE ENTRY PERMIT				
	THERS (
	51					
Antici	pated P	roject Risks and Hazards Identification	Ide	ntify the source/s used and include necessary specific		
inform	ation (S	ee Daily Pre-Task Plan for day-specific info	orma	tion)		
Used	N/A	Source		Specific Risk or Hazard that needs to be addressed		
X		Pre-work Inspection of the work site		See SES HASP		
X		MSDS review / includes any 'new' chemic	als	MSDS Sheets Provided in HASP		
	X	Crane Operations				
	X	Elevated Work				
X		Environmental Conditions		See SES HASP		
X		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic		
	X	Language / Communication Difficulties				
X		Materials to be used		See Pre-Task Plan		
	X	Overhead Work / Rigging				
	X	Special Equipment to be used				
X		Trenching / Excavation		See SES HASP		
	X	Utilities System tie-in / restrictions				
X		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate		
		Project Required Precautions & Protective				
	ssed (S	See Daily Pre-Task Plan for day-specific inf	forma			
Need	N/A	Area		Specific measures that are required		
X		Access & Egress Plans (People & Equip	men	t) To be developed on site with SES work crew		
	X	Barricades needed				
	X	BASF equipment / materials to be used				
	X	Electrical safety equipment required				
	X	Elevator use				
X		Emergency Equipment		See SES HASP		
X	1,11.	Emergency Plans / Emergency Respond	der	See SES HASP		
	X	Fall protection				
X		First Aid / Medical Treatment provisions		See SES HASP		
	X	HOT WORK Procedure requirements				
	X	HVAC System requirements				
	X	LINE-BREAKING procedure requiremen	nts			

Project:
BASF Facility
Cranston, RI
Date (9//2)

SE	S	
(Page _	_of_	_)

	X	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services		
X	5 1	Trench / Excavation Boxes	See SES HASP	
		Other Requirements		

Requi	ired Pe	ersonal Protective Equipment (PPE) Identify the s	ource/s u	sed and	check the appropriate hoves
☐ PF	E GR				r Knowledge
YES	NO	ITEM	YES	NO	Item
X		Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit
X		Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust	1 1 1	X	Personal Fall Protection Equipment
	X	Faceshield	X		Gloves ⊠ Chemical □ Work
х		Hearing Protection ⊠ Plugs □ Muffs	Х		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator Half-mask Full-face	X		Boots ☐ Rubber ☒ Other
	X	Dust Mask		Х	Welding Protection
	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces
X		Eyewash Station	X		Mobile phone or radios
X	-	Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	X	-	High-visibility, reflective vest

Trainin	raining Requirements				
Need	N/A	Area			
*	NA	BASF Safety Orientation (if required)			
X		MSDS Reviews			
X		Review of precautions listed above per SES HASP			
X		Review of required PPE			
4.50		Other training (specify) –			
	-				

Project: BASF Facility Cranston, RI Date ()// ?)	DAILY SAFE WORK FORM		SES (Page of)	
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE	
PRE-TASK PLAN (PTP)	ses supervisor: Brian Poe		1	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task Li	st (Check off AND Circle today's activities)
	Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
8 .	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 – Transportation and Disposal of Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
1	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
d	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
d	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
Ø	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
2	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
1	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation:JSA 4,5,6,8
D.	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

Project:
BASF Facility
Cranston, RI
Date (7//2)

SI	ES	
(Page_	of)

4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4 feet)
5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4
4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9
4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA 9
4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools; JSA 9
4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4
3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9
3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs
4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs
3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA
1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs
Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			

3.44.44.44.44.44.44.44.44.44.44.44.44.44	7. (A. 17. (C.)A. (A. 10. A.)	1. 1. a. (1) . (1) . (1) . (1)

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9/12	Dennis Beigenn	SES	0630	1573
9/12	Mike Jamas	SES	0630	1500
9/12/18	Aaron Ting	AEI	0630	1530
9/11/18	Robert Medylis	A E 2	0630	1510
9/12/18	Charles F. Hilchtyte	SES	0634	500
9/12/18	KEYEN SWEENEY	SES	0635	1215
9/2/8	John Sap: 1	SES	0630	150
9/12/18	Ban Rose	SRI	06:30	15:00
9/12/18	Evan Horring	Hei	0630	1400
9/12/18	Abyror LEndors	N.E. Geofech	8:10 sm.	11:30 Sm
9112/18	Joseph Kenney	NE Gratul	8:15 am	11:30 am
9/12/18	Paul Sount	56	12:506	12:45
9/12/18	Keren Sweeney	SES	1400	1410

DAILY PROJECT REPORT

Project:	BASE	, Lot 1102	Submitted By: Aaron C. Ting						
	180 N	Aill Street	Signature						
	Crans	ton, RI	Date	Date: 9/13/2018					
	Weat	her: Cloudy		Daily Precipitation:	0.5"	Temp: <u>73-6</u> (Hi -	5 low)		
ERSONNEL/	EQUI	PMENT							
Contractor	No.	_		Owner/Repre	sentative: N/A				
		Superintendent		4					
	_1	Foremen	SES				1		
	_	H&S/QA Officer	***	AEI Personne	el: Aaron Ting		1		
	_	Operators	SES	-	Evan Herring Robert Medag	lin	1		
		Laborers	SES	1	Joe Drebaum	IIO	1		
	_	Other Trades (Surveyor)		1	Joe Diebaum				
SubContractor	No	Company/Firm							
Subcontractor		Diprete		Visitors On S	ite: N/A				
	_	biprasa .							
	11	Total Personnel On Site			_				
						OUTDMENT/MA	TERIALS RECEIVED		
MAJOR EQUI		NT: obcat 289D skid steer, CAT 3210	1/322 evravators						
		O-yard metal recycling containe							
20-cy dump tr		to-yard metal recycling contains							
		ns, 2-100 yd rail cars							
hoe ram 4 00	0 gall	on baffle and 10,000 gallon frac	tank, CAT 725 Roc	k truck, 320 ex	cavator				
WORK COMP	_								
Cast iron pipir AEI conducted Approximately transport. AEI set up an	d a so	oaded into 70-cy dump trailer. d other metal debris removed fro il erosion and sediment control p cy of Type 2B (reexcavated) soil brated perimeter dust monitors. kpiles and surrounding deeper e	om excavations was plan inspection. Iss s were excavated at No alerts were observed and the control of the cont	reduced in size ues noted were nd transported erved. SES us	e by hoe ram. e informed to Si to Lot 2682 for ed water as nec	ES and corrected temporary stock cessary to control	piling and future rail fugitive dust. er strength tarp to cov		
the Type 2B s	soils o	n Lot 2682 and the 1C soils stoo	kpiled on Lot 1102	due to the reb	ar and other de	bris puncturing th	e 6-mil poly.		
AEI Signatu	wed S	Y: ES's Safe Work Form/Pre-Task Intent of SES's HASP." I daily H&S tailgate meeting to ropics discussed and issues raise	eview work scope a						
ISSUES/CH	ANGE	S/RESOLUTIONS:							
N/A									
DICCHOCTO	NE I	TITENT DIDECTION:							
N/A	NS/C	LIENT DIRECTION:							

STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9//3//8						Project	Number: 18-0315
							18 313
CLIENT / SITE INFORM/	ATION						
Name: BASE							
· Address: 180 M/	1157	-					
CRANSTON R							
Contact: Agran							
PROJECTS NOTES A	als -	77 0	15/	5	Taile	2018	TAIK SET UP TO
FINISH 2ND ROW	IND 2	B	AN	010	(, (TOTA	RARS OFF STUMPS LOND
OV5 D 20 40 .	TANIGE	10	Pi	RAUS	(A D	120	2 was OF STUMPS ACROSS
STUBRET STANT	PALI	PR	1	150	Fal	677	INP AND MISC MATERIA
WALLS FLET SAC	JAM (TR	N	26	bar	1 73	SHOP MISC PHANC
					12.0		3 4/4
LABOR						MATER	IALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	e Off-Site	e Travel	Quantity	Item / Description
B. Roke	15-5	530	63	150	0 16:0		PPE Level: A B C D
M. JAMADE	FT	530		11	16,00	1	CAT 320 BX 5 BS
K. SWGRNEY	or	5:30			10,00	1	CAT 301 BX
D. BIERG IGRAN	OP	5:30			16,00	1	CAT 966 CUSOM Hillview
C. MCCACITY	FT	6:00			15.30	1	CAT SKUD TAPUL / 1411101000
J SZPILD'	OP	5:30	V	1	16.00	-1	RICH TRICK
						2	GEN
						300	
SUBCONTRACTORS							322 CAT EX
						1	Hammer
						2	100pd railrars
						1	20 vd dump tracler
						1	20yd recycling container
						2	trash precycle containers
						1	Spac fank
*							
WEATHER OBSERVATIO	NS					District	
						Project Mar	nager's Signature:
						Client's Sig	nature:

	1
, 1	el .
)

DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

Visitor Log It is SES's policy that visitors must furnish their ow comply with Health and Safety Plan requirements. It the Designated Site Supervisor shall also immediate Name of Visitor (Print) Output O	atures e available and reviewes st receive initial Health by the Site Health and	h and Safety Orientation. Safety Officer. By signing	Thereafter, a tailgate safety meeting is a below, an individual certifies that he ha
trategic Environmental Services, Inc. (SE rimary/Lead Company Name: SES contact Person: Property of the Log of the Service of the Log of the L	atures e available and review st receive initial Health by the Site Health and S is HASP and Daily Saf	h and Safety Orientation. Safety Officer. By signing fe Work Form with Pre-Ta	Thereafter, a tailgate safety meeting is g below, an individual certifies that he ha isk Planning Form.
trategic Environmental Services, Inc. (SE rimary/Lead Company Name: SES ontact Person: Ontact Person: Ontact phone # ealth and Safety (H&S) Plan (HASP) Sign Ign-off sheet attesting that the HASP has been mad riefing. All personnel participating in the project must required daily, and as otherwise deemed necessary had, understood, and will observe the contents of the lealth and Safety Meeting The provided Hase Name of Attendee (Print)	atures e available and reviews st receive initial Health by the Site Health and S is HASP and Daily Saf	h and Safety Orientation. Safety Officer. By signing fe Work Form with Pre-Ta	Thereafter, a tailgate safety meeting is g below, an individual certifies that he ha isk Planning Form.
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Account to the Designated Site Supervisor shall also immediate Name of Attendee (Print) Account to the part of the part of the Designated Site Supervisor shall also immediate Name of Visitor (Print) Account to the part of the part o	er.	Company SES SES	Initials
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9 13 18 Acron Tuns 9 13 18 Acron Tuns 9 13 18 Kev Tun Switcher 9 13 18 Kev Tun Switcher 9 13 18 Complete Tuncher 9 13 18 Even Warning 13 18 Even Warning 14 18 Even Warning 15 SES's policy that visitors must furnish their own 16 Designated Site Supervisor shall also immediate Name of Visitor (Print) Company	ern	SES	
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7/3/8 ACTO TINS 9/3/8 REVEN SWELLES 9/3/8 Charles Accord 9/3/8 Charles Accord 9/3/8 Poseph Hackey 9/3/8 RAY Guylelimo 9/		25 m/	ma
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t is SES's policy that visitors must furnish their ow comply with Health and Safety Plan requirements. I the Designated Site Supervisor shall also immediate Name of Visitor (Print) Company			
the Designated Site Supervisor shall also immediate Name of Visitor (Print) Company	personal protective of	equipment. All visitors are	e required to sign the visitor log and accerned with site health and safety issue
	aly notify HSC.	Date of Visit	Signature,
T'un (C. d. p. /V.		9-/3 · 1>	Signatures
im Culcus	E. R. Weekin	9-13-18	1
Type Stok M	1 WEPVIA	9(21)5118	7
	7 1- ((
	7 15 ((100)		
	7-((-)		
5	7 10 ((100)		
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Туре	of Equ	ipment/Vehicles/Motorized Equipment	-		
	Field S	ervice Trailer	1	Roll-off Tractor Truck	
Q/	Excava		/	Roll-off containers	
M	Loader		5/	Dump Truck/Triaxle	
	Track D		1	Dump Trailers	
2/	Skid St		1		
	Frac Ta	and a		Pickup Utility Trucks	
Ø	Genera	140		Sump Pump	
	Water E		=	Trench Box	
	Sawzai		5	NaOH Storage Tank	
				Other (list)	
This	work al	so requires the use of the permits or doo	cume	ents checked holow	
	KOJEC	1-SPECIFIC HASP	-	Since checked below	
		JT, TAG-OUT PERMIT	_		_
⊠ PF	RE-TAS	K PLANNING FORM			
□ C	ONFINE	ED SPACE ENTRY PERMIT	_		_
□ 0	THERS	(LIST)			_
			_		
Antic	ipated	Project Risks and Hazards Identification	Ide	ntify the source/s used and include necessary specific	_
	1	to rask half for day-specific into	orma	tion)	
Used	N/A	Source		Specific Risk or Hazard that needs to be addressed	_
X		Pre-work Inspection of the work site		See SES HASP	_
X	- 1	MSDS review / includes any 'new' chemic	als	MSDS Sheets Provided in HASP	_
-	X	Crane Operations	-	moss directs riovided in HASP	_
	X	Elevated Work			_
X		Environmental Conditions		See SES HASP	_
X		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic	_
	X	Language / Communication Difficulties		and the second son into trucks, truck traffic	_
X		Materials to be used		See Pre-Task Plan	_
	X	Overhead Work / Rigging		The same of the sa	_
	X	Special Equipment to be used			_
X		Trenching / Excavation		See SES HASP	-
	X	Utilities System tie-in / restrictions			-
X	7_7	Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate	-
Antici	pated F	Project Required Precautions & Protective	e Me	Do ours that seek it will the	-
addres	ssed (S	see Daily Pre-Task Plan for day-specific info	orma	tion)	
Need	N/A	Area		Specific measures that are required	-
X	-	Access & Egress Plans (People & Equipn	ment	To be developed on site with SES work crew	-
	X	Barricades needed		Post of the thirth one work ciew	-
	X	BASF equipment / materials to be used			-
	X	Electrical safety equipment required			-
	X	Elevator use			-
X		Emergency Equipment		See SES HASP	
X		Emergency Plans / Emergency Responde	er	See SES HASP	
	X	Fall protection			-
X		First Aid / Medical Treatment provisions		See SES HASP	-
	X	HOT WORK Procedure requirements			-
	X	HVAC System requirements			-
	X	LINE-BREAKING procedure requirements	c		4

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	X	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services		
X		Trench / Excavation Boxes	See SES HASP	
		Other Requirements		

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the s	source/s u	sed and	d check the appropriate hoves
U PF	E GRI	D ⋈ MSDS ☐ BASF Knowledge	□ Work	Provide	er Knowledge
YES	NO	ITEM	YES	NO	Item
X		Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit
X	12.	Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust		X	Personal Fall Protection Equipment
	X	Faceshield	X	122	Gloves ⊠ Chemical □ Work
X		Hearing Protection ⊠ Plugs □ Muffs	Х		Long sleeve shirt and steel toed boots with steel shank
17.	X	Respirator Half-mask Full-face	X		Boots ☐ Rubber ☒ Other
	X	Dust Mask		X	Welding Protection
	X	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces
X	100	Eyewash Station	X		Mobile phone or radios
X		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	X		High-visibility, reflective vest

Traini	ng Requ	uirements
Need	N/A	Area
X	11	BASF Safety Orientation (if required)
Х	1	MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –
	1,	
	-	

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STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	180 Mill Street,	DATE S//2
PRE-TASK PLAN (PTP)	SES SUPERVISOR:	Cranston, RI	1111

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	ist (Check off AND Circle today's activities) Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
×	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 – Transportation and Disposal of Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	ecommended Actions o	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)	
Chemical Hazards N		NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10		
0	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6	
	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs	
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs	
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs	
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	THE RESERVE TO STATE OF THE PARTY OF THE PAR	
D	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs	
/		Training Surfaces	INAL COWE Medium & High	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7	
4	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's	
	5,6 Live Electrical Equipment		NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9	
	4,5 Poor Lighting		NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7	
	4,5,6 Overhead Hazards		NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6	
	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA	
	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5	
	F.C.		NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JSA 4,5,6,8	
	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA	
	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA	
I,	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)	

Project: BASF Facility Cranston, RI Date (9//3)		DAILY SAFE	DAILY SAFE WORK FORM					
☐ 4,5 Flevated beights (> 46)								
		Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (
	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground				
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	Utilities: JSA 1,3,4 B25 Electrically Powered				
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered				
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9				
	4,5			B26 Cutting Devices/Tools; JSA 9				
		Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4				
	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9				
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs				
	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All				
3	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	JSAs B32 Poisonous Plants,				
đ	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	Animals, and Insects; All JSA B34 Personal Safety; All JSAs				
	Note: A single ha	zard may be listed under several overall ranking.	I Tasks. In this case, use the highes	st Severity ranking of the tasks				
Descriptio		Activities, And Associated Health						

SESC Plan Inspection Report Project Information Name Former Ciba-Geigy Facility Location 180 Mill St, Cranston, RI (Plat 4, Lot 1102) **DEM Permit No.** 18-0048 / RIRI 01724 Name Site Owner Phone 973-245-5269 Joseph Guarnaccia Site Operator joseph, quarna ocialbast, com Brian Roe broe estrategic.com Inspection Information Inspector Name Phone Aaron C. Ting 978-577-7188 Inspection Date ating eaeiconsultants, com 9/13/18 Start/End Time Inspection Type 200 -1230 ☐ Weekly ☐ Pre-storm event ☐ During storm event ☑ Post-storm event ☐ Other Weather Information Last Rain Event Date: 9/11-9/12/18 Duration (hrs): 8 Rain Gauge Location & Source: Approximate Rainfall (in): 0.511 onsite weatherstation (Davis Vantage Pro) Weather at time of this inspection: Cloudy, 68°F

determine	decimated !	ertify that this site has been inspectorective actions are not required		
inis inspec	Print Name	ertify that this site has been inspe e requires corrective actions. The	required corrective ac	ulation and I have tions are noted within
nspector:	Aaron C. Tir	Signature	>~ D	ate
he Site On	erator selection	-/		9/13/18
ndings. He	e/she acknowledges by corrective actions must be	his/her signature, the receipt of the all recommended corrective actions and all in this inspection report	his SESC Plan inspecti	on report and its
perator:	Print Name	all recommended corrective actions made in this inspection report	per applicable regulation	and documentation
	BURU KAIZ		Da	ie .

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

1	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; If 'Yes', please detail action required)
	Construction Site exit include decon. pad	RIDOT Std Specs. RI Soil Brosion and Sed. Control book	¥Yes □No	see photo	
2	Project-wide including material studepiles	Penmeter - compost Ritersocks (Proor 9.2.0 Stockpiles_hallbales RIBOT Std Spec-204.22	X(Yes □No		some woody debns overing CFS. See corrective action lag -
3	Project-wide induding material stackpiles	RISESC Handbook Water for dust control/cover Stockpiles RISESC Handbook RISESC Handbook	MaYes □No		
4	Adjacent roads	Roods adjacent to construction site shall be clean at the end of each day	MaYes □No		
5	Project-wide	Pideup construction trosh/dabris	Ø2Yes □No		
6	Project-wide	Spill prevention / Spill containment measures	⊠Yes □No	1	*
7			□Yes □No		
8			□Yes □No		

General Site Issues

Below are some general site issues that should be assessed during inspections. Please customize this list as needed for conditions at the site.

	Compliance Question		Assoc. Photol Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	⊠Yes □No □ N/A	see photo	
2	Are appropriate limits of disturbance (LOD) established?	MaYes □No □ N/A		
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ☑N/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No ⊠ N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No SIN/A		
6	Were all exposed soils seeded by October 15 th ?	□Yes □No □XN/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No 又N/A		
8	In instances where adequate vegetative stabilization was not established by November 15th, have non-vegetative erosion control measures must be employed?	□Yes □No ⊠(N/A		
9	If work is to continue from October 15 th through April 15 th , are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No ⊠N/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	□Yes □No ♥ N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No		

	Compilance Question	18 12 21 18 12 21 18 18 18 18 18 18 18 18 18 18 18 18 18	Assoc. Photo/ Figure#	Corrective Action Needed (If 'Yes', please detail action required
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No		and include location/station)
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No ⊠N/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No ⊠N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	⊠Yes □No □ N/A	see photo	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	ØYes □No □ N/A	1	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ՃN/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes □No MAN/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	□Yes □No ⊠N/A		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes □No		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes □No IQ N/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	□Yes □No Ø N/A		
24	Has the site operator taken steps to prohibit the following pollutant discharges on the site?			
а	Contaminated groundwater.	⊠Yes □No □ N/A		

100	Compliance Question		Assoc Photo		Corrective Action Needed (If 'Yes', please detail action required
	b concrete; unless properly contained managed, and disposed of.	Yes □No	Figure	#	and include location/station)
1	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.				
	Fuels, oils, or other pollutants used vehicle and equipment operation and maintenance.	in XiYes □No d □ N/A	see ph		
е	Soaps or solvents used in vehicle and equipment washing.	XIYes □No □ N/A			
f	a spill or other release.	Yes ONo			
2	site so sediment removal occurs prior to vehicles exiting?	Maryes □No	1		
26	(such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No ⊠ N/A			
27	by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	⊠Yes □No □ N/A	see phatok	3	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	MaYes □No □ N/A			
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	ØYes □No □ N/A		+	
0	visible locations for the storage of spill prevention and control equipment on the construction site?	Solves □No □ N/A			
1	Are allowable non-stormwater discharges being managed properly with adequate controls?	ØYes □No □ N/A			
2	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	SeaYes □No □ N/A			
3	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	ØYes □No □ N/A	1		

PROJECT: Cranston, RI

INSPECTION DATE: 9/13/18

Compliance Question exposed to stormwater?		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required
Are stockpiles located within the	MYes □No		and include location/station)
Are stockniles being	TI AUA	se photo	
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	□Yes □No ★N/A		
appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	⊠Yes □No	see Photolog	
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	D N/A		
as wheel washing stations, washout for concrete, paint, stucco, etc.)	≦Yes □No □ N/A		
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	⊠Yes □No □ N/A	+	
(Other)			

PROJECT:	Cranston, 12I
	The state of the s

INSPECTION DATE: 9/13/18

General Field Comments: N/A

Corrective Action Log

TO BE FILLED OUT BY SITE OPERATOR

Describe repair, replacement, and maintenance of control measures, actions taken, date completed, and note the person that completed the work.

	ocation/Station	Corrective Action	Date Completed	Person Responsible
E	E-site	Woody debns covering CFS. Neets removal	9/13/18	SES
per	ator Signature:		Date: 9//	3/12

SESC Plan Inspection Report

Page 8 of 13

Photos:

Photo #: 1



Station: North Site

Description: Decontamination pad located on Lot 1102





Station: North Site

Description: Temporary stockpiles, covered with poly/tarp and surrounded by haybales.

INSPECTION DATE: 9/13/18

Photo #: 3



Station: North Site

Description: Construction access road leading to Mill St from Lot 1102. Adjacent roadway kept clean from any soil track-out from exiting vehicles/equipment.

Photo #: 4



Station: North Site

Description: CFS staked on northern property boundary.

Photo #: 5



Station: South Site

Description: Staked silt fence on south east side of Site.

Photo #: 6



Station: South Site

Description: CFS located on south side of Site.

Photo #: 7



Station: South Site

Description: Fractionation tanks to be used to manage groundwater in excavations.

Photo #: 8



Station: East Site

Description: CFS covered by woody debris from clearing operations. Requires removal.

Photo #: 9



Station: South Site

Description: Trash/recycling receptacles.

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
9/13/12	Ba/a 2	SES.	06.	15:00
9/13/14	Demis Selser	5ES	0630	1500
9/13/18	Mike Jamros	SES	0630	1500
9/13/18	John Sapi A	SES	0830	1500
9/13/18	Aaron Ting	AET	0630	1530
9/13/18	potent menging	A15 2	0630	1500
9/13/18	KENIN SWEENEY	SES	0630	1500
7/13/18	Charles Masthy T	SES	663G	1500
1 /3/18	Doseph Nebnum	AEX	0630	15,00
113/18	Evan Harnhy	AEL	0640	1430
/13/18	Pay Guglielmo	DIPRETE ENG	7:30	8:40

DAILY PROJECT REPORT

Weather: Cloudy PERSONNEL/ EQUIPMENT Contractor No. 1. Superintendent 1. Superintendent 2. SES 1. Foremen 2. Labores 3. Operators 3. Operators 3. Operators 3. Operators 3. Operators 4. Evan Herring 1. Rick Kowalski 1. SubContractor No. Company/Firm Visitors On Site: NIA SubContractor No. Company/Firm Visitors On Site: NIA 1. Total Personnel On Site MAJOR EQUIPMENT: 2. Support trucks, Bebcat 2890 skid steer, CAT 321C/322 excavators CAT 996H Loader, 20-yard metal recycling container, 20-y-y-dump trailer 2. Interview of the steep		180 [Mill Street	Signature: Consultants					tante
PERSONNEL/EQUIPMENT Contractor No. Superintendent SES		-		101120				101(65	
PERSONNEL/EQUIPMENT Contractor No. Superintendent SES HaS/QA Officer SES Laborers SES Laborers SES Other Trades (Surveyor) SES Robert Medaglio 1 Rick Kowalski 1 SubContractor No. Company/Firm Visitors On Site: N/A									
PRESONNEL/EQUIPMENT Contractor No. Superintendent SES		Weat	her: Cloudy			0"			
Contractor No. Superintendent SES Foremen SES H85/QA Officer SES AEI Personnel: Aaron Ting 1 Robert Medaglilo 1 Rick Kowalski 1 Robert Medaglilo 1 Rick Kowalski 1 Rick Kowalski 1 SubContractor No. Company/Firm Visitors On Site: N/A It Total Personnel On Site Visitors On Site: N/A It Total Personnel On Site Equipment/Materials Received	PERSONNE	L/EOU	IPMENT				(F	11 - IOW)	
1. Superintendent SES 1. Foremen SES 1. H8S/QA Officer SES 1. Laborers SES 2. Laborers SES 3. Other Trades (Surveyor) SES 3. SES 3. SubContractor No. Company/Firm 4. Robert Medaglio 1. Rick Kowalski 1. SubContractor No. Company/Firm 5. SubContractor No. Company/Firm 5. SubContractor No. Company/Firm 6. SubContractor No. Company/Firm 6. SubContractor No. Company/Firm 6. SubContractor No. Company/Firm 7. SubContractor No. Company/Firm 7. SubContractor No. Company/Firm 7. SubContractor No. Company/Firm 8. SubContractor No. C					Owner/Repres	entative: N/A			
AEI Personnel: Aaron Ting			Superintendent	SES					
H8S/QA Officer 3 Operators 4 Laborers 5 SES 2 Laborers Cother Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: N/A Wisitors On Site: N/A ### Equipment / Account / Accou									
3. Operators 2. Laborers 3. Cother Trades (Surveyor) SES SES 3. Laborers 3. Cother Trades (Surveyor) SubContractor No. Company/Firm Visitors On Site: N/A 11. Total Personnel On Site MAJOR EQUIPMENT: 2. Support trucks, Bobcat 2890 skid steer, CAT 321C/322 excavators CAT 996H Loader, 20-yard metal recycling container, 20-cy dump trailer 2-trasty/recycling bins, 2-100 yd rail cars bee ram, 4,000 gallon baffle and 10,000 gallon frac tank, CAT 725 Rock truck, 320 excavator WORK COMPLETED: SES decorn rock truck, 321 excavator and 322 excavator with hoe ram attachment. Sent wipe samples to laboratory. The three pieces of equipment, pending wipe sample results, are expected to be demobilized from the site next Tuesday/Wednesday. SES/AEI conducted weekly project progress meeting. Minutes will be distributed by AEI to the project team next week. SES continued clearing trees and grubbing stumps. Stumps were transported across the street to Lot 2682 and mixed with the soil being disposed offsite at the WM Emelie facility in Emelie, AL. Trees were stockpiled on-site for later transport offsite to the G. Lopes facility in Raynham, MA. AEI conducted site housekeeping and inventory of supplies. Obtained safety placards for fence line indicating PPE requirements. SES continued excavation of stake location: 436-451 (Type 1C; 6' depth). Concrete and other construction demolition debris were remove with the soil and stockpiled in the Type 1C laydown area. Approximately—Frof Type 1C soils were added to the temporary stockpile on 11102. Lined and loaded three new railcars PW-20003, PW-20027, PW-30001 with Type 28 soils (~90 ton each). The two railcars PW-20006 an PW-30016 were transported offsite by PRW. HEALTH & SAFEYY: AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP." AEI Signable. SESUAR CHANGES/RESOLUTIONS: N/A DISCUSSIONS/CLIENT DIRECTION:					AFI Personnel	Aaron Ting			1
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Other Trades (Surveyor) Rick Kowalski 1 SubContractor No. Company/Firm Visitors On Site: N/A 11 Total Personnel On Site MAJOR EQUIPMENT: EQUIPMENT/MATERIALS RECEIVE 2 support trucks, Bobcat 289D skid steer, CAT 321C/322 excavators CAT 996 H. Loader, 20-yard metal recycling container, 20-cy dump trailer 2-trash/recycling bins, 2-100 yd rail cars hoe ram, 4,000 gallon baffle and 10,000 gallon frac tank, CAT 725 Rock truck, 320 excavator WORK COMPLETED: SES decon rock truck, 321 excavator and 322 excavator with hoe ram attachment. Sent wipe samples to laboratory. The three pieces of equipment, pending wipe sample results, are expected to be demobilized from the site next Tuesday/Wednesday. SES/AEI conducted weekly project progress meeting. Minutes will be distributed by AEI to the project team next week. SES continued clearing trees and grubbing stumps. Stumps were transported across the street to Lot 2682 and mixed with the soil being disposed offsite at the WM Emelle facility in Emelle, AL. Trees were stockpiled on-site for later transport offsite to the G. Lopes facility in Raynham, MA. AEI conducted site housekeeping and inventory of supplies. Obtained safety placards for fence line indicating PPE requirements. SES continued excavation of stake location: 436-451 (Type 1C; 6' depth). Concrete and other construction demolition debris were remove with the soil and stockpiled in the Type 1C laydown area. Approximately Acro Type 1C soils were added to the temporary stockpile on 1102. Lined and loaded three new railcars PW-20003, PW-20027, PW-30001 with Type 28 soils (~90 ton each). The two railcars PW-20006 an PW-30016 were transported offsite by P&W. HEALTH & SAFETY: AEI his reviewed SESS Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES'S HASP.* AEI Signature A		_	-		-1		1		
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AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP." AEI Signature SES/AEJ conducted daily H&S tailgate receting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised. ISSUES/CHANGES/RESOLUTIONS: N/A DISCUSSIONS/CLIENT DIRECTION:	SES/AEI conc SES continue disposed offs Raynham, M. AEI conducte SES continue with the soil 1102. Lined and lo	ducted of clearing site at the A. ed site he ded excavand stoppaded the control of the control	wipe sample results, are expensive weekly project progress meeting trees and grubbing stumps. The WM Emelle facility in Emelle prousekeeping and inventory of vation of stake location: 436-45 ckpiled in the Type 1C laydown tree new railcars PW-20003, PW-200	g. Minutes will be a Stumps were trans, AL. Trees were st supplies. Obtained (1 (Type 1C; 6' dept area. Approximate	distributed by AEI sported across throckpiled on-site f safety placards for th). Concrete and ely fey of Type 1	to the project to the street to Lot 2 or later transpoint or fence line indicated to the construction of t	dednesday. Team next we 682 and mixe t offsite to the cating PPE re tion demolition ded to the ter from the teres.	eek. ed with the sie G. Lopes for the control of t	oil being acility in re remove kpile on L
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STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road

Sutton, Massachusetts 01590 Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



DAILY WORKSHEET

Date: 9//4//7						Project I	Number: 18 -0315
CLIENT / SITE INFORMAT	ΓΙΟΝ						
Name: BASF							
Address: 180 Mi	1/5	,					
CRANSTON R:	T						
Contact: Agran							
	50	SiTI	3	TAN	1000	RTA	IK. SET UP TO DECON
CAT 321, CAT 323	WHO	mand	al /	and C	ATRO	CKTW	ICL LOSO 3 RAIL CARS
AW 20003 (Dew 2027 3) AU30	001-1	FIN	154	Po	11125	STUMP AN PLACE ACRISC
THE STREET	DIG	7.	6 Y	05	05	OF	IC ARRA SECURE SiTE
mab back To SE	400						
						-	
LABOR						MATER	RIALS / EQUIPMENT / TOOLS
Name	Position	Travel		Off-Site	Travel	Quantity	Item / Description
B. Rok	PS	530	630	14:00	150	-	PPE Level: A B C D
M. JAMAOS	FT	+	1	1	H		CAT 320 SES
D. BERGUERON	OP	++	1	H	H		CAT 32
L. SWARNY	OP	+	1	\vdash	#		CAT 320 Hillullan
A HAYARS	OP	2	830	1	1	+	Cot 302 W Hamman
I SZPIJO	OF		טפש	Ψ_		2	CAT TRACK SPIN /
	-	+		+-	-	1	
SUBCONTRACTORS				_		2	2040 ROLLOFF CON
SUBCONTRACTORS			_			2	
					-	1	POTTOILET WITH HAND WASH
		-					FUT TOTTET WITH THAD WITH
		_	_				
WEATHER OBSERVATION	ONS						
						Project Ma	/lanager's Signature:
						Client's Si	Signature:

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DAILY SAFE WORK FORM No._

SES, Sutton, MA (Page __ of __)

	rk: CMI Impler	nentation Project		
art Date / Time:		9/14/12 06:3		
	Mill Street, Cr			
ork	Time Guides, Ch			
trategic Enviro				
rimary/Lead Cor				
ontact Person:		RK		
ontact phone #	(508) 320	6-6533		
gn-off sheet attest riefing. All personn	ing that the HASF el participating in	the state of the s	h and Safety Orientation hand Safety Officer. By signi	or to entry into the site, and/or daily H&S n. Thereafter, a tailgate safety meeting is ng below, an individual certifies that he has Task Planning Form.
ealth and Safe			10	Initials
ate	Name of Atte	ndee (Print)	Company	miliais
211418	BRIAN	1Cals	5021	by 1
9/14/10	mye.	lancos	Sel	TAH
7/14/17	Musi	ew Hayes	CRS	18
7/19/18	Venue	13619	A F.1	An
2/14/14	Mart	Moderalla	SES	24
9/14/13	KEVIN	SWEENET	AEI	FAH
9/14/13		monthy	AEC	ACT
9/14/18	Rown	ling	1-81	pu
9/19//8	0 1	carl 9	565	PS
9/14/18	100	5-0-4	STS.	T
9/14/18	- XM	C3.4-44	0 18	
	1			
comply with Hoalt	h and Safety Plan	requirements. If the visitor rep	tesents a regulatory agone,	are required to sign the visitor log and concerned with site health and safety issue:
the Designated Sit Name of Visitor	te Supervisor sha	Il also immediately notify HSC. Company Name	Date of Visit	Signature
Name of Visitor	(1 Tille)			
			****	1

Project: BASF Facility Cranston, RI Date () ()	DAILY SAFE WORK FORM	SES (Page of)

Project:	
BASF Facility	
Cranston, RI	
Date (9/4)	

SE	S	
(Page _	_of_	_)

Type	of Ea	uipment/Vehicles/Motorized Equipment				
0	Field S		75 11 11 11			
	Excava	to an incident the second seco	Roll-off Tractor Truck			
_	Loade		Roll-off containers			
	Track I	Dozer	Dump Truck/Triaxle			
_		Land Control of the C	Dump Trailers			
_	Frac Ta	ank	Pickup Utility Trucks			
_	Genera	to U	Sump Pump			
		Doff-1-	Trench Box			
	Sawza		NaOH Storage Tank			
	JUVZG		Other (list)			
This	work a	Iso requires the use of the				
⊠ PF	ROJEC	Iso requires the use of the permits or documents. T-SPECIFIC HASP	nents checked below			
	CK-O	UT, TAG-OUT PERMIT				
⊠ PF	PF-TAS	SK PLANNING FORM				
CC	NEINI	ED SPACE ENTRY PERMIT				
01	HERS	(LIST)				
		(CIOT)				
Antici	nated	Project Piete and H				
nform	ation (See Daily Pro Tack Plan for dentification to	dentify the source/s used and include necessary specific			
Jsed	N/A	See Daily Pre-Task Plan for day-specific inform	lauon)			
	1477	Pre-work Inspection of the work site	Specific Risk or Hazard that needs to be addressed			
-		MSDS review / includes	See SES HASP			
	х	MSDS review / includes any 'new' chemicals Crane Operations	MSDS Sheets Provided in HASP			
	X	Elevated Work				
	^	Environmental Conditions				
			See SES HASP			
	X	Heavy Powered Mobile Equipment Use	Excavators to load soil into trucks, truck traffic			
	^	Language / Communication Difficulties Materials to be used				
	X		See Pre-Task Plan			
	X	Overhead Work / Rigging				
	^	Special Equipment to be used				
-	Х	Trenching / Excavation	See SES HASP			
	^	Utilities System tie-in / restrictions				
	antod I	Other Risks or Hazards	PCB/VOC-contaminated soils; Sodium Persulfate			
ddrae	end (Project Required Precautions & Protective M	MODOLINA D. II.			
eed	N/A	See Daily Pre-Task Plan for day-specific inform	nation)			
-	1 wire		Specific measures that are required			
	X	Access & Egress Plans (People & Equipme Barricades needed	nt) To be developed on site with SES work crew			
	x					
-	x	BASF equipment / materials to be used				
	X	Electrical safety equipment required				
_	^	Elevator use				
-		Emergency Equipment	See SES HASP			
	v	Emergency Plans / Emergency Responder	See SES HASP			
	X	Fall protection				
	v	First Aid / Medical Treatment provisions	See SES HASP			
	X	HOT WORK Procedure requirements				
	X	HVAC System requirements				
	X	LINE-BREAKING procedure requirements				

Project:
BASF Facility
Cranston, RI
Date (7/14)

SES (Page __ of __)

	X	Scaffolds / decking	
X		Temporary electrical power	See SECULOR
X	X	Temporary Utilities services	See SES HASP
		Trench / Excavation Boxes	See SES HASE
		Other Requirements	See SES HASP

YES	NO	ersonal Protective Equipment (PPE) Identify the s	☐ Work	Provide	er Knowledge Prior SWP
	NO	TILLI	YES	NO	Item - Filor SWP
X	-	Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Def= 0 #
X		Safety Glasses, ANZI-rated, side shields		-	Rain Suit
	X	Congles		X	Chemical Suit ☐ Jacket ☐ Pants
	Х	Faceshield		X	Personal Fall Protection Equipment
Х			X		Gloves ⊠ Chemical □ Work
		Hearing Protection ⊠ Plugs □ Muffs	X		Long sleeve shirt and steel toed boots
	X	Respirator Half-mask Full-face	-		with steel shank
	X	Dust Mask	X	1	Boots ☐ Rubber ☒ Other
	X		A	X	Welding Protection
	^	Fire Retardant Electrical Clothing		X	Retrieval System for Confined Spaces
		Eyewash Station	X	100	Mobile phase as a di
X		Tyvek Suits	X		Mobile phone or radios
		Other PPE (list)	A		Insect repellent, sunscreen
		. – //	X		High-visibility, reflective vest

g Req	uirements
N/A	Area
NA	BASF Safety Orientation (if required)
	MSDS Reviews
	Review of precautions listed above per SES HASP
	Review of required PPF
-	Other training (specify) –
7.54	
	N/A